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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

MARCH AFB, CA

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



NOVEMBER 1989

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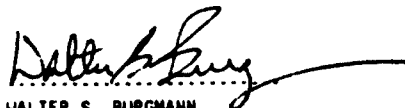
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REPORT DOCUMENTATION PAGE

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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: AUG 79 - JUL 89 (AIRWAYS).

SUMMARY OF DAY DATA: FEB 36 - JUL 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 5 HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MG	MILLIGRAM
C	CENTIGRADE ((C/5 F/9))	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AMS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
722860	MARCH AFB/RIVERSIDE, CA	N 33 53	W 117 16	1538	RIV	72286

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	FLD (FT)	BARO (FT)	PER DAY
			From	To					
1	March Fld/Riverside, CA	AAF	Jul 28	Dec 32	N 33 54	W 117 15	1529	1528	2-6
2	Same	Same	Jan 33	Jan 36	Same	Same	Same	Same	8
3	Same	Same	Feb 36	Jun 48	Same	Same	Same	Same	24
4	March AFB/Riverside CA	AFB	Jul 48	Feb 53	Same	Same	Same	1530	24
5	Same	Same	Mar 53	Mar 56	Same	Same	1536	1529	24
6	Same	Same	Apr 56	Jul 58	Same	Same	1542	1511	24
7	Same	Same	Aug 58	Mar 65	Same	Same	Same	Same	24
8	Same	Same	Apr 65	Dec 70	Same	Same	Same	1514	24
9	Same	Same	Jan 71	Sep 75	N 33 53	W 117 16	1538	Same	24
10	Same	Same	Oct 75	Jan 78	Same	Same	1533	Same	24
11	Same	Same	Feb 78	Jul 89	Same	Same	1538	Same	24

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 48	N/A	Anemometer	N/A	N/A	
2	Mar 53	Atop ops bldg tower	Selsyn	ML-1440	60 ft	
3	May 55	Same	Same	ML-336A	77 ft	
4	Apr 56	Same	Same	ML-1448	Same	
5	Apr 58	750' ESE rwy 31 & N taxiway 2	AN/GMQ-11	RO-2	13 ft	
6	Apr 65	1. 1500' fm end, 500' fm c/n rwy 31	Same	Same	Same	
		2. 1500' fm end, 500' fm c/n rwy 13	Same	Same	Same	
7	Jan 71	1. Same	AN/GMQ-20	RO-362	Same	
		2. Same	Same	Same	Same	
8	Jan 88	1. Change rwy 31 to 32	Same	Same	22 ft	
		2. Change rwy 13 to 14	Same	Same	12 ft	
9	Jul 89	Same	Same	Same	Same	

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1963, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3 HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/101) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722830

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS (LST)	TSTMS	LIQID PRECIP	FREEZ PRECIP	FROZFN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		5.6				5.6	24.3	7.3		.2	37.4	930
03-05		6.7				6.7	28.2	6.0			40.9	930
06-08		5.9				5.9	29.6	5.7		.1	41.3	930
09-11		5.2				5.2	17.5	10.8		.4	33.9	930
12-14		4.6				4.6	5.1	13.3		.4	23.4	930
15-17		5.3				5.3	4.0	14.7			24.0	930
18-20	.1	4.9				4.9	7.5	12.7			25.2	930
21-23		4.9				4.9	14.9	10.1			30.0	930
ALL HOURS	.0	5.4				5.4	16.4	10.1		.1	32.0	7440

MONTH: FEB

00-02		7.8		.2		8.0	28.5	13.7			50.2	849
03-05		7.3				7.3	33.7	11.3			52.3	849
06-08		6.0				6.0	33.0	9.4			48.4	849
09-11	.2	6.9				6.9	16.5	14.3		.1	37.8	849
12-14	.1	5.5				5.5	3.2	14.5			23.2	849
15-17	.4	6.8		.1		6.9	3.7	22.4			33.0	849
18-20		5.8				5.8	7.2	23.1			36.0	849
21-23		6.5		.1		6.6	18.1	16.4			41.1	849
ALL HOURS	.1	6.6		.1		6.6	18.0	15.6		.0	40.3	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSM	TOTAL NO. OF OBS
00-02		6.1				6.1	28.8	14.9			49.9	930
03-05		6.6				6.6	40.9	13.9			61.3	930
06-08		4.7				4.7	45.1	14.0			63.8	930
09-11	.2	6.0				6.0	12.6	22.3			40.9	930
12-14	.4	6.3				6.3	3.3	19.8		.2	29.7	930
15-17	.6	7.2				7.2	3.3	25.2			35.7	930
18-20	.3	6.5				6.5	5.7	17.3			29.5	930
21-23	.1	6.8				6.8	14.6	14.8			36.2	930
ALL HOURS	.2	6.3				6.3	19.3	17.8		.0	43.4	7440

MONTH: APR

00-02		3.8				3.8	22.1	15.6		.2	41.7	900
03-05		5.8				5.8	34.0	12.2			52.0	900
06-08		4.6				4.6	33.9	21.9			60.3	900
09-11	.2	1.8				1.8	7.7	26.4			35.9	900
12-14	.2	2.7				2.7	1.0	30.6			34.2	900
15-17		2.3				2.3	.4	33.2			36.0	900
18-20	.1	2.3				2.3	2.1	22.3			26.8	900
21-23		3.1				3.1	9.8	16.6		.4	29.9	900
ALL HOURS	.1	3.3				3.3	13.9	22.3		.1	39.6	7200

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB LA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS (LST)	1STMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE S/DR HAZE	BLOWING SNOW	DUST S/DR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	1.3				1.3	29.9	30.3			61.5	930
03-05		3.5				3.5	44.6	24.5			72.7	930
06-08		3.2				3.2	50.5	32.7			74.4	930
09-11		.6				.6	7.5	43.7			51.8	930
12-14	.4	.9				.4	1.0	50.9			52.7	930
15-17	.3	1.0				1.0	1.1	47.1			49.0	930
18-20		.8				.8	1.7	33.3			35.8	930
21-23		1.1				1.1	9.9	29.2			40.2	930
ALL HOURS	.1	1.5				1.5	16.8	36.5			54.8	7440

MONTH: JUN

00-02	.1	1.2				1.2	28.9	38.6			68.7	900
03-05	.2	3.9				3.9	48.7	33.3			85.9	900
06-08		3.2				3.2	39.4	46.0			83.7	900
09-11		.7				.7	7.1	51.4			59.2	900
12-14	.1	.1				.1	.9	60.8			61.8	900
15-17	.2	.3				.3	.7	53.6			54.6	900
18-20		.2				.2	1.0	34.6			35.8	900
21-23		.1				.1	7.4	32.0			39.6	900
ALL HOURS	.1	1.2				1.2	16.8	43.8			61.8	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		.1				.1	9.6	21.8			31.5	930
03-05		.5				.5	26.1	25.7			52.4	930
06-08	.3	.9				.9	21.8	33.7			56.3	930
09-11		.8				.8	1.2	33.3			35.3	930
12-14	.4	.3				.3		46.7		.1	47.1	930
15-17	.5	1.0				1.0		34.2		.1	35.2	928
18-20		.2				.2	.2	11.1			11.5	927
21-23							.3	9.2			9.5	927
ALL HOURS	.2	.5				.5	7.4	27.0		.0	34.9	7432

MONTH: AUG

00-02	.2	.8				.8	15.3	26.5			42.5	930
03-05	.2	1.6				1.6	27.6	31.1			60.3	930
06-08	.2	1.3				1.3	27.3	40.5			69.1	930
09-11		1.4				1.4	3.9	38.4			43.7	930
12-14	.1	1.0				1.0	.1	43.4			44.5	930
15-17	.8	1.2				1.2	.6	38.9			40.8	930
18-20	.2	1.3				1.3	1.0	17.7			20.0	930
21-23		.6				.6	3.9	17.1			21.6	930
ALL HOURS	.2	1.1				1.1	10.0	31.7			42.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		1.6				1.6	21.0	27.8			50.3	900
03-05		1.1				1.1	30.4	26.7			58.2	900
06-08	.2	1.7				1.7	30.6	31.3			63.6	900
09-11		1.3				1.3	6.6	28.8			36.7	900
12-14	.4	1.8				1.8	.7	37.3			39.8	900
15-17	.6	1.6				1.6	.3	40.3			42.2	900
18-20	.2	.9				.9	1.0	25.0			26.9	900
21-23	.2	1.2				1.2	8.9	23.9			34.0	900
ALL HOURS	.2	1.4				1.4	12.4	30.1			44.0	7200

MONTH: OCT

00-02	.2	2.2				2.2	39.7	24.0		.1	65.9	930
03-05	.3	2.5				2.5	46.9	17.5			64.9	930
06-08		2.9				2.9	43.0	20.0			65.9	930
09-11	.1	2.2				2.2	12.5	31.7			46.3	930
12-14	.1	1.4				1.4	1.0	35.9		.1	38.4	930
15-17		1.2				1.2	.5	43.2			44.9	930
18-20	.3	1.3				1.3	4.5	35.8			41.6	930
21-23		1.4				1.4	22.2	31.4			54.9	930
ALL HOURS	.1	1.9				1.9	21.0	29.9		.0	52.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		3.4				3.4	32.3	15.9			51.7	900
03-05		4.9				4.9	35.2	10.0			50.1	900
06-08		3.9		.1		4.0	34.2	12.8			51.0	900
09-11		2.8				2.8	13.7	20.6			37.0	900
12-14		2.8				2.8	2.1	20.6		.1	25.6	900
15-17		3.3				3.3	2.6	26.7			32.6	900
18-20	.1	2.9				2.9	6.9	22.9			32.7	900
21-23	.2	4.1				4.1	20.3	20.0			44.4	900
ALL HOURS	.0	3.5		.0		3.5	18.4	18.7		.0	40.6	7200

MONTH: DEC

00-02		4.3				4.3	22.5	11.1			37.8	930
03-05	.1	4.8				4.8	24.8	9.0			38.7	930
06-08		4.5				4.5	25.8	8.5		.1	38.9	930
09-11		4.4				4.4	13.2	10.2			27.8	930
12-14		5.6		.3		5.9	3.5	9.2			18.7	930
15-17	.1	5.4				5.4	3.2	15.9			24.5	930
18-20		5.3				5.3	8.0	17.3			30.5	930
21-23		5.5				5.5	15.2	13.0			33.7	930
ALL HOURS	.0	5.0		.0		5.0	14.5	11.8		.0	31.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.0	5.4				5.4	16.4	10.1		.1	32.0	7440
FEB	.1	6.6		.1		6.6	18.0	15.6		.0	40.3	6792
MAR	.2	6.3				6.3	19.3	17.8		.0	43.4	7440
APR	.1	3.3				3.3	13.9	22.3		.1	39.6	7200
MAY	.1	1.5				1.5	16.8	36.5			54.8	7440
JUN	.1	1.2				1.2	16.8	43.8			61.8	7200
JUL	.2	.5				.5	7.4	27.0		.0	54.9	7432
AUG	.2	1.1				1.1	10.0	31.7			42.8	7440
SEP	.2	1.4				1.4	12.4	30.1			44.0	7200
OCT	.1	1.9				1.9	21.0	29.9		.0	52.9	7440
NOV	.0	3.5		.0		3.5	18.4	18.7		.0	40.6	7200
DEC	.0	5.0		.0		5.0	14.5	11.8		.0	31.3	7440
ANNUAL	.1	3.1		.0		3.1	15.4	24.6		.0	43.2	87664

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 4901-8907
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.9	23.8		1.0	.2	23.9	42.0	38.6			58.0	1271
FEB	1.4	25.0		.7	.3	25.0	49.2	49.3		.1	67.7	1158
MAR	2.2	27.5		.5	.7	27.5	58.3	55.7			76.0	1271
APR	1.6	24.6			.5	24.6	50.6	59.3			74.5	1250
MAY	.9	18.4			.1	18.4	54.2	70.0			77.3	1273
JUN	.9	13.0				13.0	52.5	79.5			81.8	1225
JUL	2.4	7.1			.1	7.1	31.0	73.1		.3	75.7	1270
AUG	3.8	5.8				8.8	33.0	72.6		.4	75.9	1240
SEP	3.3	13.3			.2	13.3	42.1	71.3			76.1	1200
OCT	2.3	14.4				14.4	51.8	68.8		.1	75.8	1240
NOV	.5	18.3		.2		18.3	44.5	52.3		.2	64.6	1200
DEC	1.0	20.7		.7	.3	21.0	37.8	37.7		.2	54.4	1240
ANNUAL	1.8	17.9		.3	.2	17.9	45.6	60.7		.1	71.5	14820

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02					.1	.1		.2		.2		
03-05						.2		.2		.3		.1
06-08							.3	.2	.2			
09-11		.2	.2	.2						.1		
12-14		.1	.4	.2	.4	.1	.4	.1	.4	.1		
15-17		.4	.6		.3	.2	.5	.8	.6			.1
18-20	.1		.3	.1				.2	.2	.3	.1	
21-23			.1						.2		.2	
ALL HOURS	.0	.1	.2	.1	.1	.1	.2	.2	.2	.1	.0	.0
TOTAL OBS	7440	6792	7440	7200	7440	7200	7432	7440	7200	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722660

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 119	120 - 189	190 - 259	260 - 349	NO OF OBS
TSTMS					100.0		1
LIQUID PRECIP	17.8		18.5	45.8	8.3	9.8	400
FREEZING PRECIP							
FROZEN PRECIP							
FOG	53.6		10.1	22.4	3.0	11.0	1131
FOG WITH VIS GE 1/2 MILES	49.8		11.0	25.0	3.4	10.8	885
TOTAL OBS	2756	0	1703	972	310	1699	0 7440

MONTH: FEB HOURS: ALL

TSTMS	33.3			16.7		50.0	6
LIQUID PRECIP	22.7		24.3	37.4	7.3	8.4	441
FREEZING PRECIP							
FROZEN PRECIP	25.0		75.0				4
FOG	50.8		10.2	23.4	3.5	12.1	1083
FOG WITH VIS GE 1/2 MILES	48.5		10.4	24.0	3.3	13.9	888
TOTAL OBS	2656	0	1332	892	266	1646	0 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 119	120 - 189	190 - 259	260 - 349	NO OF OBS
TSTMS	5.9		17.6	35.3	17.6	23.5	17
LIQUID PRECIP	16.4		13.3	46.0	7.7	16.6	457
FREEZING PRECIP							
FROZEN PRECIP							
FOG	55.9		5.1	22.9	3.7	12.4	1266
FOG WITH VIS GE 1/2 MILES	53.5		4.9	24.5	4.0	13.1	1075
TOTAL OBS	2807	0	847	1220	411	2155	6 7440

MONTH: APR HOURS: ALL

TSTMS						100.0	5
LIQUID PRECIP	11.0		13.1	41.1	6.4	28.4	236
FREEZING PRECIP							
FROZEN PRECIP							
FOG	51.1		5.2	19.4	3.1	21.2	895
FOG WITH VIS GE 1/2 MILES	48.6		5.4	21.1	3.2	21.7	757
TOTAL OBS	2314	0	780	1132	347	2627	0 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 99
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 119	120 - 189	190 - 259	260 - 349	NO OF OBS
TSTMS			12.5		25.0	62.5	8
LIQUID PRECIP	23.2		2.7	57.5	6.3	30.4	112
FREEZING PRECIP							
FROZEN PRECIP							
FOG	47.5		4.4	19.1	3.2	25.8	983
FOG WITH VIS GE 1/2 MILES	46.0		4.7	20.2	2.9	26.2	848
TOTAL OBS	2237	0	514	980	290	3419	0 7440

MONTH: JUN HOURS: ALL

TSTMS	50.0		16.7	16.7	16.7		6
LIQUID PRECIP	15.7		2.4	39.8	1.2	41.0	83
FREEZING PRECIP							
FROZEN PRECIP							
FOG	44.1		4.0	12.6	1.7	37.6	858
FOG WITH VIS GE 1/2 MILES	43.4		4.2	12.2	1.6	37.6	795
TOTAL OBS	2162	0	366	569	158	3945	0 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 119	120 - 189	190 - 259	260 - 349	NO OF OBS
TSTMS	8.3		33.3	33.3	8.3	16.7	12
LIQUID PRECIP	25.0		14.3	28.6	7.1	25.0	28
FREEZING PRECIP							
FROZEN PRECIP							
FOG	51.5		3.4	8.6	2.6	33.8	388
FOG WITH VIS GE 1/2 MILES	53.8		3.5	8.4	2.9	31.4	344
TOTAL OBS	2488	0	408	460	167	3908	7431

MONTH: AUG HOURS: ALL

TSTMS	25.0			43.8		31.3	16
LIQUID PRECIP	11.3		13.8	30.0	5.0	40.0	80
FREEZING PRECIP							
FROZEN PRECIP							
FOG	47.7		6.5	10.2	2.3	35.3	568
FOG WITH VIS GE 1/2 MILES	48.8		6.7	9.4	2.3	32.9	523
TOTAL OBS	2622	0	429	457	151	3781	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 119	120 - 189	190 - 259	260 - 349	NO OF OBS
TSTMS	5.7		6.7	26.7	6.7	53.3	15
LIQUID PRECIP	13.0		7.6	48.9	2.2	28.3	92
FREEZING PRECIP							
FROZEN PRECIP							
FOG	56.5		4.5	8.6	2.9	27.5	690
FOG WITH VIS GE 1/2 MILES	54.9		4.7	8.9	3.1	28.4	619
TOTAL OBS	2781	0	531	770	233	2885	0 7200

MONTH: OCT HOURS: ALL

TSTMS	10.0		20.0	20.0	10.0	40.0	10
LIQUID PRECIP	23.5		27.2	30.9	2.9	15.4	136
FREEZING PRECIP							
FROZEN PRECIP							
FOG	65.2		4.8	9.4	2.7	17.9	1366
FOG WITH VIS GE 1/2 MILES	64.3		5.2	9.0	2.8	18.7	1111
TOTAL OBS	3243	0	804	768	228	2397	0 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 119	120 - 189	190 - 259	260 - 349	NO OF OBS
TSMS			33.3	66.7			3
LIQUID PRECIP	11.6		18.7	47.0	8.0	14.7	251
FREEZING PRECIP							
FROZEN PRECIP	100.0						1
FOG	58.8		9.0	16.5	4.4	11.4	1145
FOG WITH VIS GE 1/2 MILES	56.0		8.7	17.8	5.0	12.5	905
TOTAL OBS	2860	0	1268	925	274	1875	7200

MONTH: DEC HOURS: LL

TSMS				50.0	50.0		2
LIQUID PRECIP	17.8		23.9	42.6	4.8	10.9	376
FREEZING PRECIP							
FROZEN PRECIP			66.7	33.3			3
FOG	53.5		9.2	25.0	4.1	8.2	917
FOG WITH VIS GE 1/2 MILES	50.9		8.9	27.2	4.4	8.5	742
TOTAL OBS	3247	0	1475	389	275	1558	7440

OPERATING LOCATION "A"
USAFETAC, ASHFVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	350 - 119	120 - 189	190 - 259	260 - 349	NO OF OBS
TSTMS	12.9		12.9	27.7	10.9	35.6	101
LIQUID PRECIP	17.3		17.6	41.9	6.4	16.8	2692
FREEZING PRECIP							
FROZEN PRECIP	25.0		62.5	12.5			8
FOG	53.9		6.6	17.4	3.2	18.9	11280
FOG WITH VIS GE 1/2 MILES	51.9		6.7	18.2	3.3	19.9	9492
TOTAL OBS	32173	0	10455	10032	3100	31895	0 87663

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	SSSSSSSSS
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	SSSSSSSSS
PP PP	AA AA	RR RR	TT	SS SS
PP PP	AA AA	RR RR	TT	SS SS
PPPPPPPP	AA AA	RRRRRRRR	TT	SSSSSSSSS
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	SSSSSSSSS
PP	AAAA'AAAAA	RR RR	TT	SS SS
PP	AA AA	RR RR	TT	SS SS
PP	AA AA	RR RR	TT	SSSSSSSSS
PP	AA AA	RR RR	TT	SSSSSSSSS

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND ".0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECCRD: 3602-8907
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	75.5	73.9	71.3	74.3	80.9	86.4	92.6	91.3	87.1	85.3	82.8	77.6	81.6
TRACE	4.8	6.6	9.5	12.0	14.5	11.8	5.6	5.8	9.0	8.0	6.0	5.7	8.3
.01	1.6	1.7	2.1	.9	1.0	.6	.2	.5	.7	.9	.6	1.7	1.0
.02-.05	3.6	3.5	3.3	3.7	1.1	.8	.8	1.0	.8	1.8	2.4	3.6	2.2
.06-.10	2.7	2.4	2.8	2.3	.8	.1	.3	.3	.9	1.0	1.3	1.5	1.4
.11-.25	4.6	3.9	4.6	3.1	1.0	.3	.2	.7	.7	1.4	2.1	3.7	2.2
.26-.50	3.7	3.6	3.5	2.2	.5		.1	.2	.1	1.0	2.6	3.0	1.7
.51-1.00	2.2	2.7	2.1	1.3	.1			.1	.3	.5	1.6	2.2	1.1
1.01-2.50	1.2	1.7	.8	.1	.1		.1	.1	.4	.1	.6	.9	.5
2.51-5.00	.1											.1	.0
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	19.7	19.5	19.2	13.7	4.6	1.3	1.8	2.9	3.9	6.7	11.2	16.7	10.1
TOTAL NO. OF OBSERVATIONS	1643	1507	1668	1620	1674	1620	1673	1643	1590	1643	1590	1643	19514

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
36		.00*	.00*	TRACE	TRACE	.00	TRACE	TRACE	TRACE	2.92	.18	4.61	7.71*
37	1.31	4.09	2.04	.43	.14	.00	.01	.00	TRACE	TRACE	.09	1.30	9.41
38	1.27	2.58	4.77	.88	.35	TRACE	.02	.22	.04	.14	TRACE	4.93	15.20
39	2.52	1.59	.96	1.27	.01	TRACE	TRACE	TRACE	2.36	.07	1.14	.36	10.28
40	3.07	2.81	1.44	1.15	TRACE	TRACE	TRACE	TRACE	.01	1.05	.32	4.70	14.55
41	1.19	6.42	5.04	2.45	.08	.03	TRACE	.42	TRACE	1.99	.43	2.54	20.59
42	.45	.67	.96	1.66	TRACE	TRACE	TRACE	.25	TRACE	.19	.13	.75	5.06
43	5.69	2.19	2.34	1.03	TRACE	TRACE	.00	.00	.12	.43	.07	6.06	17.93
44	.42	4.39	.69	1.35	.04	TRACE	TRACE	TRACE	TRACE	.02	3.23	.40	10.54
45	.21	1.86	2.88	.20	TRACE	TRACE	TRACE	1.33	.10	.24	.10	2.22	9.16
46	.17	.70	1.56	.41	TRACE	TRACE	.15	.02	.90	.43	4.10	1.36	9.86
47	.14	.18	.71	.19	.37	TRACE	.00	.73	.01	.07	TRACE	1.38	3.78
48	.03	1.07	.87	.46	.17	.28	TRACE	.00	TRACE	.83	.00	1.79	5.50
49	2.30	.66	.34	TRACE	.23	TRACE	TRACE	.00	TRACE	.01	.73	1.16	5.43
50	1.50	1.62	.37	.63	.08	TRACE	TRACE	.00	TRACE	.01	1.50	.01	5.72
51	.94	.35	.54	1.26	.06	TRACE	.09	.14	.56	.28	.45	4.42	9.09
52	5.38	.22	4.67	1.27	TRACE	TRACE	TRACE	.00	1.15	TRACE	3.18	2.75	18.62
53	.71	.33	.79	1.45	.03	TRACE	.02	.15	TRACE	.15	.95	.29	4.87
54	4.21	1.45	3.28	.20	TRACE	TRACE	.20	.12	.00	TRACE	1.72	.52	11.70
55	4.37	1.23	.23	.82	.60	.05	TRACE	.03	TRACE	TRACE	.59	.35	8.27
56	3.33	.41	.01	1.76	.10	TRACE	.08	TRACE	.00	.04	.00	.16	5.89
57	4.75	.84	.67	1.12	.96	.18	TRACE	.00	TRACE	1.83	.49	2.30	13.11
58	.89	4.07	3.02	2.44	.36	TRACE	.00	.47	.14	.24	.29	TRACE	11.92
59	1.05	2.22	.00	.77	TRACE	TRACE	.05	TRACE	.51	.03	.38	2.10	6.59
60	2.35	1.78	.22	.94	.02	TRACE	.02	.00	.07	.38	.83	.01	6.62
61	.62	.00	.62	TRACE	TRACE	TRACE	TRACE	.56	TRACE	TRACE	.46	1.21	3.47
62	1.85	2.69	.74	TRACE	.51	.01	TRACE	TRACE	TRACE	TRACE	.02	.05	5.67
63	.17	2.14	1.15	1.19	TRACE	.01	.00	TRACE	5.01	.81	1.54	TRACE	10.02
64	1.26	.84	1.23	.71	.23	TRACE	TRACE	TRACE	.06	.11	1.19	.82	6.45
65	.21	.22	2.55	4.57	TRACE	.04	.10	.20	.06	TRACE	5.55	2.47	15.97
66	.71	1.16	.23	TRACE	TRACE	TRACE	TRACE	TRACE	.09	.39	.96	3.95	7.49
67	1.70	TRACE	.70	1.97	.09	.02	TRACE	.02	.35	.00	3.09	1.37	9.31
68	.59	.23	1.60	.54	.27	TRACE	1.46	.08	TRACE	.12	.47	.70	6.06
69	6.26	3.89	.87	.54	.45	.07	.04	.03	.15	TRACE	1.02	.02	18.07
70	.88	2.25	1.57	.15	TRACE	TRACE	TRACE	.16	.00	.04	1.76	2.17	8.98

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	.40	.24	.08	.28	.41	.07	TRACE	.00	.00	.66	.06	2.86	5.06
72	.00	.10	TRACE	.31	.08	.28	TRACE	.03	.08	.27	1.56	.67	3.38
73	1.51	2.75	1.35	TRACE	TRACE	.01	.00	.03	.01	.03	1.41	.03	7.13
74	6.27	.16	2.03	.47	TRACE	.03	TRACE	TRACE	.15	.26	.04	1.73	11.14
75	.25	1.16	2.58	1.37	TRACE	TRACE	.26	.00	TRACE	.08	.33	.35	6.48
76	.00	4.18	1.18	1.26	.84	.15	.06	.17	2.64	.17	.41	.16	11.22
77	1.96	.84	.71	TRACE	2.07	TRACE	TRACE	2.39	TRACE	TRACE	TRACE	1.91	9.88
78	6.21	6.28	5.22	1.07	.01	TRACE	.00	.21	1.25	.06	1.82	1.83	23.96
79	5.28	1.46	3.56	TRACE	.17	TRACE	.26	TRACE	.02	.34	.17	.16	11.42
80	5.19	8.09	2.16	.41	.12	.00	TRACE	TRACE	TRACE	TRACE	TRACE	.17	16.14
81	1.83	1.53	2.46	.27	.08	TRACE	TRACE	.00	.11	.19	.92	.28	7.67
82	2.42	.99	4.90	.84	.81	.12	.00	.01	.27	.12	2.62	.30	13.40
83	2.52	3.79	6.09	2.66	.16	TRACE	TRACE	.96	.45	1.48	1.39	1.57	21.07
84	.07	.05	.11	.10	TRACE	.10	1.41	.06	.25	.03	.70	4.87	7.75
85	.68	.56	.29	.03	.01	.01	TRACE	.00	.14	.06	2.15	.41	4.34
86	1.28	1.58	2.84	.56	TRACE	TRACE	.02	.03	.11	.36	.30	.62	7.80
87	.93	1.28	1.01	.07	TRACE	.06	.08	.01	1.08	2.85	.79	1.90	10.06
88	1.57	.80	.18	1.94	.02	TRACE	.00	TRACE	TRACE	TRACE	.48	2.62	7.61
89	.82	1.14	.75	TRACE	.09	TRACE	.00						2.80*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.00	.00	.00	TRACE	TRACE	.00	.00	.00	.00	.00	.00	TRACE	3.38
GREATEST	6.27	8.89	6.09	4.57	2.07	.28	1.46	2.39	3.01	2.92	5.55	6.06	23.96
MEAN	1.92	1.87	1.64	.85	.18	.05	.08	.17	.31	.37	.98	1.54	9.93
MEDIAN	1.27	1.26	1.01	.55	.05	TRACE	TRACE	.01	.04	.12	.49	1.21	9.12
SD	1.881	2.000	1.562	.878	.346	.063	.275	.404	.660	.667	1.156	1.551	4.869
TOTAL OBS	1643	1507	1668	1620	1674	1620	1673	1643	1590	1643	1590	1643	19514

THE GREATEST VALUE OF 8.89 OCCURRED ON 02/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
36		.00*	.00*	TRACE	TRACE	.00	TRACE	TRACE	TRACE	1.06	.08	1.12	1.12*
37	.47	2.42	.63	.25	.06	.00	.01	.00	TRACE	.09	TRACE	.82	2.42
38	.43	.66	2.42	.39	.32	TRACE	.02	.16	.04	.09	TRACE	1.93	2.42
39	1.07	1.11	.35	.77	.01	TRACE	TRACE	TRACE	1.38	.04	.64	.35	1.38
40	.98	1.40	.98	.62	TRACE	TRACE	TRACE	TRACE	.01	.80	.29	2.68	2.68
41	.40	1.60	1.14	.83	.08	.03	TRACE	.40	TRACE	.51	.31	.75	1.60
42	.45	.59	.78	.43	TRACE	TRACE	TRACE	.25	TRACE	.19	.06	.46	.78
43	3.09	.88	1.13	.60	TRACE	TRACE	.00	.00	.12	.33	.07	2.42	3.09
44	.17	1.20	.21	1.28	.04	TRACE	TRACE	TRACE	TRACE	.01	.90	.17	1.28
45	.11	.71	1.22	.14	TRACE	TRACE	TRACE	1.29	.10	.24	.08	1.48	1.48
46	.09	.53	.95	.16	TRACE	TRACE	.12	.02	.90	.17	1.04	.39	1.04
47	.11	.18	.46	.16	.37	TRACE	.00	.73	.01	.07	TRACE	.73	.73
48	.03	.86	.34	.21	.17	.19	TRACE	.00	TRACE	.39	.00	.90	.90
49	.54	.32	.25	TRACE	.14	TRACE	TRACE	.00	TRACE	.01	.73	.63	.73
50	.59	1.06	.27	.35	.08	TRACE	TRACE	.00	TRACE	.01	.73	.01	1.06
51	.28	.31	.53	.37	.05	TRACE	.07	.12	.53	.22	.40	1.41	1.41
52	1.52	.16	1.80	.59	TRACE	TRACE	TRACE	.00	1.14	TRACE	1.26	.99	1.80
53	.28	.25	.34	.50	.02	TRACE	.02	.15	TRACE	.15	.62	.29	.62
54	2.26	1.14	.88	.10	TRACE	TRACE	.17	.07	.00	TRACE	1.20	.28	2.26
55	1.44	.42	.19	.47	.36	.03	TRACE	.03	TRACE	TRACE	.28	.14	1.44
56	2.31	.15	.01	1.00	.10	TRACE	.08	TRACE	.00	.04	.00	.12	2.31
57	.91	.46	.32	.43	.49	.16	TRACE	.00	TRACE	.57	.32	1.37	1.37
58	.61	1.58	.70	.98	.36	TRACE	.00	.47	.08	.20	.28	TRACE	1.58
59	1.00	.72	.00	.24	TRACE	TRACE	.03	TRACE	.51	.03	.33	1.01	1.01
60	.85	.62	.08	.69	.02	TRACE	.02	.00	.07	.20	.30	.01	.85
61	.39	.00	.47	TRACE	TRACE	TRACE	TRACE	.28	TRACE	TRACE	.23	1.03	1.03
62	.83	.65	.29	TRACE	.16	.01	TRACE	TRACE	TRACE	TRACE	.02	.04	.83
63	.16	1.11	.46	.46	TRACE	.01	.00	TRACE	1.94	.50	1.20	TRACE	1.94
64	.66	.43	.44	.36	.22	TRACE	TRACE	TRACE	.06	.09	.77	.45	.77
65	.19	.22	1.08	1.57	TRACE	.03	.07	.20	.06	TRACE	2.10	.83	2.10
66	.69	.65	.22	TRACE	TRACE	TRACE	TRACE	TRACE	.09	.53	.96	1.88	1.88
67	1.21	TRACE	.26	.64	.04	.02	TRACE	.02	.30	.00	1.23	.67	1.28
68	.42	.19	1.03	.28	.27	TRACE	1.04	.08	TRACE	.07	.40	.30	1.04
69	1.67	2.09	.37	.12	.32	.01	.04	.03	.15	TRACE	.62	.02	2.09
70	.40	1.37	.80	.15	TRACE	TRACE	TRACE	.16	.01	.04	.76	.78	1.37

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	.25	.17	.07	.11	.20	.05	TRACE	.00	.00	.43	.06	.79	.79
72	.00	.10	TRACE	.31	.06	.25	TRACE	.03	.08	.08	.79	.40	.79
73	.60	.82	.50	TRACE	TRACE	.01	.00	.03	.01	.03	.61	.02	.82
7	2.96	.16	.71	.27	TRACE	.03	TRACE	TRACE	.15	.20	.03	1.13	2.96
75	.13	.85	.96	.62	TRACE	TRACE	.26	.00	TRACE	.08	.31	.28	.96
76	.00	1.48	.65	.58	.62	.15	.04	.17	2.08	.12	.33	.11	2.08
77	.96	.74	.37	TRACE	1.08	TRACE	TRACE	1.74	TRACE	TRACE	TRACE	.70	1.74
78	.81	1.30	1.90	.36	.01	TRACE	.00	.21	1.14	.05	.73	.93	1.90
79	2.37	.60	.71	TRACE	.14	TRACE	.26	TRACE	.01	.32	.11	.14	2.37
80	1.75	1.70	.58	.13	.09	.00	TRACE	TRACE	TRACE	TRACE	TRACE	.15	1.75
81	.85	.50	1.58	.12	.08	TRACE	TRACE	.00	.11	.14	.61	.28	1.58
82	1.04	.84	2.17	.73	.61	.11	.00	.01	.11	.12	1.13	.10	2.17
83	1.03	1.18	2.29	.90	.16	TRACE	TRACE	.38	.25	.72	.47	.67	2.29
84	.05	.05	.11	.08	TRACE	.05	1.38	.03	.21	.03	.29	1.47	1.47
85	.34	.39	.11	.03	.01	.01	TRACE	.00	.09	.05	.72	.26	.72
86	.61	.42	.65	.55	TRACE	TRACE	.01	.03	.06	.28	.17	.57	.65
87	.34	.64	.32	.06	TRACE	.05	.08	.01	1.02	.60	.38	.71	1.02
88	1.33	.65	.18	.78	.02	TRACE	.00	TRACE	TRACE	TRACE	.29	.76	1.33
89	.69	.53	.62	TRACE	.09	TRACE	.00						.69*
.....													
GREATEST	3.09	2.42	2.42	1.57	1.08	.25	1.58	1.74	2.08	1.06	2.10	2.68	3.09
.....													
TOTAL OBS	1643	1507	1668	1620	1674	1620	1673	1643	1590	1643	1590	1643	19514
.....													

THE GREATEST VALUE OF 3.09 OCCURRED ON 01/22/43

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 4601-8907
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.1	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.2	99.8
TRACE	.6	.5	.4								.2	.6	.2
0.1-0.4	.1	.1									.1	.1	.0
0.5-1.4	.1		.1									.1	.0
1.5-2.4													
2.5-3.4	.1												.0
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.3	.1	.1								.1	.2	.1
TOTAL NO. OF OBSERVATIONS	1364	1243	1364	1320	1364	1320	1363	1333	1290	1333	1290	1333	15917

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 4601-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
49	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.1
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
69	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
73	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
76	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 4601-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	4.9	.2	.6	.0	.0	.0	.0	.0	.0	.0	.1	1.1	4.9
MEAN	.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.2
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
SD	.739	.030	.090	.000	.000	.000	.000	.000	.000	.000	.015	.168	.764
TOTAL OBS	1364	1243	1364	1320	1364	1320	1364	1333	1290	1333	1290	1333	15917

THE GREATEST VALUE OF 4.9 OCCURRED ON 01/49

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 4601-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANI
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TI
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TI
49	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TF
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TF
56	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TF
57	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TR
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TR
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.8	
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TR
69	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TR
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TR
73	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TR
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TR
76	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TR
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TR
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722560

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 4601-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	.0	TRACE	.0	.0	.0	.0	.0						TRACE*

GREATEST	3.0		.5	.0	.0	.0	.0	.0	.0	.0	.1	.8	3.0
TOTAL OBS	1364	1243	5.4	1320	1364	1320	1363	1333	1290	1333	1290	1333	15917

THE GREATEST VALUE OF 3.0 OCCURRED ON 01/11/49

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 50% OF THE DATA AVAILABLE FOR THE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NAME: MARCH AFB CA
LSI TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
NONE	99.6	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9
TRACE	.1		.1									
1	.2											.1
2	.1											
3												
4-6												
7-12												
13-24												
25-36												
37-48												
49-60												
61-120												
OVER 120												
DAYS WITH MEAS AMTS	.2											.1
TOTAL NO. OF OBSERVATIONS	1643	1511	1674	1620	1676	1620	1673	1612	1590	1643	1590	1643

Not a Synthetic Copy

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
36		0*	0	0	0	0	0	0	0	0	0	0	0*
37	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0*	0	0	0	0	0*
42	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	2	0	0	0	0	0	0	0	0	0	0	0	2
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	1	1
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNU
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0	0	0	0
GREATEST	2	0	TRACE	0	0	0	0	0	0	0	0	1	
TOTAL OBS	1643	1511	1674	1620	1674	1620	1673	1612	1590	1643	1590	1643	19

THE GREATEST VALUE OF 2 OCCURRED ON 01/11/49

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA

PERIOD OF RECORD: 3602-8907
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
46 - 47	NOV 13			NOV 13		
48 - 49	DEC 23	JAN 09	JAN 09	JAN 23	JAN 11	JAN 12
50 - 51	FEB 27			MAR 01		
52 - 53	MAR 01	MAR 01		MAR 01	MAR 01	
54 - 55	JAN 16			JAN 16		
55 - 56	FEB 16			FEB 16		
56 - 57	JAN 27	JAN 27		JAN 29	JAN 27	
60 - 61	DEC 08			DEC 08		
61 - 62	JAN 21			MAR 09		
66 - 67	MAR 04			MAR 04		
67 - 68	DEC 13	DEC 13	DEC 13	DEC 19	DEC 15	DEC 13
68 - 69	DEC 20	FEB 22		FEB 22	FEB 22	
70 - 71	DEC 17			DEC 17		
72 - 73	DEC 10			JAN 04		
75 - 76	NOV 28			MAR 03		
78 - 79	JAN 28			JAN 28		
81 - 82	MAR 18			MAR 18		

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA

PERIOD OF RECORD: 3602-8907

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
83 - 84	FEB 16			FEB 16		
85 - 86	NOV 12	NOV 12		NOV 12	NOV 12	
86 - 87	FEB 24			FEB 24		
87 - 88	DEC 16			DEC 16		
88 - 89	FEB 05			FEB 08		
MEDIAN-DATE	JAN 18	JAN 18	DEC 26	FEB 03	JAN 19	DEC 28

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722840

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 4701-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
47	SW 34	SSW 20	E 28	W 33	NW 23	NW 31	NW 24	WNW 24	WNW 24	NNW 26	NNE 33	E 37	E 37
48	NNW 38	NW 43	SSW 30	S 33	SSW 27	WNW 25	NW 24	NW 24	NW *24	E *21	NW *12	*	NW *43
49	NNE 46	NW 29	SSW 30	NW 28	N 27	N 39	NW 23	NW 28	NW 23	NNW 32	N 27	NW 43	NNE 46
50	WNW 33	NE 35	WNW 35	SW 32	WNW 25	NW 23	SSW 30	NW 23	E 27	SSW 21	E 37	NNE*31	E *37
51	W 36	E 27	NW 30	WNW 35	NW 22	W 25	NW 21	SSE 29	WNW 22	W 29	ENE 28	SW 32	W 36
52	NE 26	NW 20	SW 31	SE 23	NW 30	WNW 23	SSW 36	W 22	NNE 26	E 21	SE 28	ESE 28	SSW 36
53	NNW 26	NNE 40	WSW 33	WSW 25	N 30	WNW 29	W 23	WNW 23	WNW 19	NW 23	NNW 27	NNE 49	NNE 49
54	SSE 28	WSW 28	SSE 35	W 23	WNW 20	WNW 19	SSE 27	WNW 16	WNW 14	N 24	S 28	NNE 39	NNE 39
55	W *26	N 38	NNW 34	N 35	SSE 29	WSW 26	NW 25	NW 25	ESE 33	ESE 31	NNE 30	WNW 21	N *38
56	S 24	NNE 39	NNE 41	W 33	SW 27	NW 25	WSW 23	WNW 21	W 20	SSE 22	N 35	NNW 32	NNE 41
57	SSW 24	SW 21	NNE 32	NNE 38	SW 25	N 27	WNW 24	SW 24	ENE 25	ESE 24	ENE 34	ENE 29	NNE 38
58	NNW 36	W 30	SSW 26	S 31	WNW 22	NW 23	SSE 26	N *21	SSE 29	WNW 25	W 40	NE 25	W *40
59	SE 21	WNW 27	NE 26	NNW 31	S 27	WNW 27	WNW 29	SSW 24	WNW 28	N 35	E 36	NNW 39	NNW 39
60	N 31	NNW 34	ENE 26	NNW 29	WNW 23	NNW 21	NE 43	NW 24	SE 39	N 39	NNW 26	N 30	NE 43
61	E 25	N 28	W 29	N 24	W 26	N 25	N 22	S 35	NW *23	ESE*28	NNE*39	ENE*25	NNE*39
62	E 42	S 23	SSW 27	NNW 23	NW 27	NW 22	NW 21	NW *23	ENE 28	NNW*19	NNW 32	ENE*26	E *42
63	E 28	N 31	NNW 30	WSW 33	NW 24	NW 24	NW 24	WNW 26	WNW 28	NW *20	SE 25	ENE 30	WSW*33
64	NNW 37	N 39	N *35	WNW*25	W 34	NW 31	NNW 26	ESE 30	ENE 37	E 31	NNW 31	NNE 32	N *39
65	N 29	NNW 34	NNW 29	SW 26	W 25	W 21	WNW 21	E 26	SSW 21	NW 37	ENE 26	SSE 33	NW 37
66	N 31	N 40	WSW 30	E *24	NNW 22	NW 24	NW 23	WNW 25	NE 36	NW *29	ENE 29	NNE 33	N *40
67	E 32	N 28	SW 25	WNW 27	NNW 27	NW 23	WNW 20	NW 24	ENE 32	NE 30	W 20	NE 30	E 32
68	NNE 27	E 22	N 36	N 26	NW 26	SE 30	16/ 28	36/ 22	34/ 27	35/ 29	34/ 30	35/ 36	N 36
69	26/ 33	05/ 26	35/ 33	34/ 29	31/ 20	31/ 20	30/ 21	30/ 22	05/ 22	35/ 28	10/ 34	01/ 41	01/ 41
70	33/ 32	33/ 33	30/ 35	29/ 30	07/ 31	14/ 24	17/ 23	14/ 36	07/ 27	05/ 31	10/ 33	13/ 29	14/ 36
71	34/ 33	34/ 30	35/ 34	33/ 28	33/ 27	33/ 24	31/ 27	29/ 26	30/ 27	33/ 38	35/ 35	01/ 42	01/ 42
72	06/ 42	08/ 29	24/ 24	32/ 33	32/ 32	16/ 27	14/ 29	31/ 21	34/ 24	36/ 41	34/ 27	36/ 36	06/ 42
73	36/ 37	09/ 44	36/ 33	36/ 40	32/ 24	32/ 22	32/ *23	14/ 24	07/ 29	04/ 30	34/ 29	33/ 28	09/ *44
74	36/ 30	36/ 32	29/ 20	31/ 25	28/ 21	30/ 20	31/ 20	30/ 24	34/ 26	26/ 29	05/ 24	02/ 35	02/ 35
75	35/ 33	35/ 45	02/ 48	27/ 25	34/ 33	32/ 20	35/ 25	31/ 22	09/ 26	35/ 30	07/ 26	35/ 33	02/ 48
76	08/ 30	11/ *33	31/ 28	27/ 35	21/ 22	25/ 26	26/ 22	32/ 21	06/ 31	02/ 33	36/ 33	08/ 32	27/ *35
77	08/ 30	34/ 30	35/ 43	36/ 28	19/ 24	35/ 20	32/ 24	11/ 34	35/ 20	33/ 17	32/ 25	08/ 40	35/ 43
78	24/ 31	16/ 35	18/ 35	19/ 25	35/ 23	32/ 23	32/ 17	32/ 26	35/ 21	19/ 29	36/ 23	02/ 38	02/ 38
79	07/ 36	28/ 22	17/ 23	30/ 16	10/ 22	35/ 23	08/ 32	04/ 21	08/ 22	33/ 35	33/ 26	01/ 31	07/ 36
80	10/ 28	01/ 29	17/ 28	02/ 30	27/ 25	35/ 19	2/ 20	31/ 19	32/ 18	18/ 22	35/ 41	06/ 29	35/ 41

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 4701-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
81	35/ 30	36/ 25	27/ 30	36/ 29	33/ 20	33/ 27	33/ 24	35/ 24	05/ 20	06/ 38	02/ 20	33/ 26	06/ 38
82	34/ 36	35/ 27	08/ 28	36/ 40	34/ 38	31/ 20	32/ 20	30/ 22	09/ 22	35/ 24	25/ 44	07/ 47	07/ 47
83	12/ 33	06/ 34	15/ 46	34/ 37	33/ 23	19/ 22	32/ 22	16/ 28	15/ 27	07/ 31	35/ 37	28/ 27	15/ 46
84	36/ 45	36/ 29	34/ 29	33/ 31	35/ 38	28/ 33	02/ 41	11/ 34	08/ 24	34/ 31	15/ 22	36/ 47	36/ 47
85	36/ 46	34/ 31	27/ 30	34/ 35	24/ 26	29/ 20	26/ 26	31/ 18	30/ 19	31/ 27	27/ 30	32/ 25	36/ 46
86	33/ 26	35/ 30	28/ 29	31/ 24	22/ 25	30/ 22	32/ 21	29/ 23	32/ 21	28/ 27	31/ 34	34/ 20	31/ 34
87	32/ 31	07/ 40	08/ 29	06/ 26	12/ 36	13/ 24	30/ 20	31/ 20	01/ 24	09/ 20	34/ 36	35/ 40	07/ 40
88	34/ 32	01/ 35	36/ 36	05/ 27	32/ 32	14/ 21	32/ 20	34/ 18	07/ 25	34/ 21	31/ 33	36/ 43	36/ 43
89	34/ 35	06/ 25	31/ 24	06/ 22	29/ 22	29/ 19	29/ 24						34/*35
GREATEST	NNE 46	35/ 45	02/ 48	36/ 40	34/ 38	N 39	NL 43	14/ 36	SE 39	36/ 31	25/ 44	NNE 49	NNE 49
TOTAL OBS	1318	1198	1309	1247	1320	1278	1319	1288	1228	1247	1202	1238	15192

THE PEAK WIND OF 49 FROM NNE OCCURRED ON 12/27/55

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 4701-8907
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS										GE 65	MEAN MEDIAN		TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64		WIND	WIND	
JAN	.2	17.1	40.1	19.6	12.2	6.5	2.9	.9	.5	.0	.0	15.2	13.0	1318
FEB	.1	11.9	39.4	26.1	10.9	6.1	3.5	1.0	.5	.0	.0	15.9	14.0	1198
MAR	.0	5.9	34.5	35.7	16.1	4.6	2.4	.5	.4	.0	.0	16.5	16.0	1309
APR	.1	2.1	22.5	44.7	22.6	5.4	1.7	.7	.2	.0	.0	17.7	17.0	1247
MAY	.0	.6	17.1	52.9	24.8	3.8	.6	.2	.0	.0	.0	17.8	17.0	1320
JUN	.1	.2	14.2	59.0	24.3	1.7	.3	.1	.0	.0	.0	17.7	18.0	1278
JUL	.0	.2	11.4	62.3	24.6	.9	.3	.1	.2	.0	.0	17.8	18.0	1319
AUG	.0	.2	15.0	59.2	24.0	1.2	.4	.2	.0	.0	.0	17.6	18.0	1288
SEP	.0	1.1	26.1	53.3	16.7	2.2	.3	.2	.0	.0	.0	16.6	16.0	1228
OCT	.1	5.1	40.7	39.3	10.2	2.9	1.2	.5	.1	.0	.0	15.5	15.0	1247
NOV	.1	12.6	45.7	23.2	10.6	4.8	2.1	.6	.2	.0	.0	14.9	13.0	1202
DEC	.2	20.4	38.2	18.9	10.9	5.9	2.9	1.6	1.1	.0	.0	15.1	13.0	1238
ANNUAL	.1	6.4	28.5	41.4	17.5	3.8	1.5	.5	.3	.0	.0	16.5	16.0	15192

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.7	.6		.1						5.5	5.1	4.0
020-040	2.3	2.0	.6	.2							5.2	5.9	6.0
050-070	1.8	1.0		.2							3.0	4.6	4.0
(E) 080-100	.9	.2									1.1	3.8	3.5
110-130	2.7	1.3	.1								4.1	4.3	4.0
140-160	3.7	.9	.2								4.7	3.5	3.0
(S) 170-190	1.9	.1	.1	.1							2.3	3.4	2.0
200-220	2.5										2.5	2.0	2.0
230-250	1.7										1.7	1.9	1.5
(W) 260-280	2.4	.3									2.7	2.8	2.0
290-310	3.5	1.2	.1								4.8	4.0	4.0
320-340	3.9	1.0	.5	.1							5.5	4.6	4.0
VARIABLE													
CALM	////////////////////////////////////										57.0	////////////////////////////////	
TOTALS	30.3	9.7	2.2	.6	.1						100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS: 930

For Analysis Only

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: JUL 79 - JUL 89
MONTH: JAN HOUR: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.1	.6	.1								4.2	5.0	4.0
020-040	1.1	1.7	.8	.4	.1							4.1	8.0	
050-070	1.5	.6	.4				.1					2.7	5.4	3.0
(E) 080-100	1.7	.2	.2									2.2	3.6	2.0
110-130	2.0	1.1	.1									3.2	4.2	4.0
140-160	3.1	1.0	.1									4.2	3.5	3.0
(S) 170-190	3.0	.3	.2									3.5	3.1	2.0
200-220	.3	.1										.4	3.0	2.0
230-250	2.8	.3	.1									3.2	3.0	2.0
(W) 260-280	3.0	.5	.1									3.4	2.7	2.0
290-310	4.0	1.8	.1									5.9	3.7	3.0
320-340	4.2	1.8	.9									7.2	5.4	4.0
VARIABLE												55.7	////////	
CALM												100.0	2.0	3.0
TOTALS	29.1	10.3	3.6	.5	.5	.2								

TOTAL NUMBER OF OBSERVATIONS: 950

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.5	.2	.1	.2							4.7	5.4	3.5
020-040	2.0	1.9	.5	.1	.1							4.7	5.9	5.0
050-070	1.5	.5	.6	.3								3.0	6.8	4.5
(E) 080-100	2.4	.4										2.8	2.9	2.5
110-130	2.6	.8	.6									4.0	4.4	3.0
140-160	4.4	.9	.4	.1								5.8	4.1	3.0
(S) 170-190	2.2	.5	.1									2.8	3.5	2.5
200-220	1.1	.1	.2									1.4	4.0	2.0
230-250	1.0	.1	.1									1.2	3.4	2.0
(W) 260-280	1.7	.1										1.8	2.7	2.0
290-310	4.0	1.3	.3									5.6	3.8	2.5
320-340	4.1	1.6	.5	.5	.4							7.1	6.0	4.0
VARIABLE														
CALM	////////////////////											55.2	////////////////	
TOTALS	29.7	9.7	3.5	.4	.7							100.0	2.1	3.0
TOTAL NUMBER OF OBSERVATIONS 430														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	2.4	.8	.5	.2	.2	.1	.1				7.0	7.8	5.0
020-040	3.2	2.2	1.1	.4	.1							7.0	6.4	5.0
050-070	2.7	1.8	2.2	.5	.1							7.1	7.4	6.5
(E) 080-100	3.2	1.4	.4	.2								5.3	4.6	3.0
110-130	6.3	2.2	.5									9.2	3.6	3.0
140-160	12.3	5.7	.8	.1								16.9	3.8	3.0
(S) 170-190	4.3	1.0	.6	.1								6.0	4.2	3.0
200-220	1.1	.1										1.2	2.5	2.0
230-250	1.1	.1										1.2	2.5	2.0
(W) 260-280	1.0	.4	.2									1.6	5.1	4.0
290-310	1.1	1.9	.1									3.1	5.6	5.0
320-340	2.4	2.2	1.0	.5	.1							6.1	7.0	6.0
VARIABLE														
CALM	////////////////////											28.3	////////	
TOTALS	42.1	19.4	7.5	2.0	.5	.2	.1	.1				100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.8	2.9	.6	.3	.4	.2	.1					9.4	7.1	5.0
020-040	3.8	1.7	.9	.3								6.7	5.4	4.0
050-070	4.7	3.2	3.0	1.0								11.9	7.2	7.0
(E) 080-100	3.5	2.9	1.0	.3	.1							7.8	6.1	6.0
110-130	4.0	1.9	.4									6.3	4.3	3.0
140-160	4.2	2.7	.9	.2								8.0	5.3	4.0
(S) 170-190	2.7	.9	.6	.1								4.3	5.1	3.0
200-220	1.7	.2	.3									2.3	4.4	4.0
230-250	.9	.3										1.2	4.0	4.0
(W) 260-280	1.8	1.9	.9	.2	.1							4.9	6.6	6.0
290-310	4.0	4.6	.9	.2								9.7	5.5	5.0
320-340	6.8	5.4	1.6	1.0	.3	.1						15.2	6.5	5.0
VARIABLE														
CALM	////////////////////////////////////											13.3	////////	
TOTALS	41.9	28.6	11.1	3.6	.9	.3	.1					100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	2.5	.9	.3	.4	.1						7.3	7.0	5.0
020-040	1.8	3.5	1.1	.3	.1	.1						7.0	7.1	6.0
050-070	3.3	4.5	2.2	.2	.1							10.3	6.8	6.0
(E) 080-100	1.1	1.2	1.2	.2	.1							3.8	8.1	8.0
110-130	1.2	.2										1.4	3.4	4.0
140-160	2.7	2.3	.5	.1								5.6	5.6	5.0
(S) 170-190	1.7	.9	.3									2.9	4.6	4.0
200-220	.9	.6										1.5	4.8	4.0
230-250	.8	.5	.1									1.4	4.4	4.0
(W) 260-280	3.5	2.6	.6	.1								6.9	5.3	4.0
290-310	11.1	10.8	1.0									22.8	4.8	5.0
320-340	6.2	8.8	1.9	1.7	.4							19.1	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											10.0	////////	
TOTALS	37.4	38.4	9.8	2.9	1.1	.2						100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	4.1	.8	.4	.2							9.5	6.3	5.0
020-040	2.6	3.5	1.4	.4	.3							8.3	7.2	7.0
050-070	1.1	1.2	1.5	.4								4.2	8.6	8.0
(E) 080-100	1.5	.2	.4	.3								2.5	6.3	4.0
110-130	1.2	.9	.1									2.2	4.7	4.0
140-160	4.5	1.9										6.5	3.6	3.0
(S) 170-190	1.6	.2										1.8	3.1	3.0
200-220	1.7		.1									1.8	2.5	2.0
230-250	1.4	.4										1.8	3.4	2.0
(W) 260-280	4.7	.9	.1									5.7	3.2	3.0
290-310	8.6	3.2	.3	.1								12.3	4.0	3.5
320-340	8.5	3.4	.9	.3								13.1	4.6	4.0
VARIABLE														
CALM	////////////////////											30.4	////////	
TOTALS	41.4	19.9	5.6	1.9	.5							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 1900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	1.2	.4	.1	.1							5.7	4.8	3.0
020-040	2.8	2.4	1.8	.2								7.2	6.8	6.0
050-070	2.0	1.6	.5		.1							4.3	5.8	5.0
(E) 080-100	.8	.3	.2									1.3	4.8	4.0
110-130	1.7	.4	.3									2.5	4.1	4.0
140-160	5.4	1.4	.3									7.1	3.7	3.0
(S) 170-190	2.7	.4										3.1	2.8	2.0
200-220	1.4	.1										1.5	2.1	2.0
230-250	2.5	.2										2.7	2.7	2.0
(W) 260-280	4.5	.8	.2	.1								5.6	3.4	2.0
290-310	5.1	1.5	.2									6.8	3.5	2.0
320-340	4.2	1.4	.2									5.8	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											46.5	////////////////////////////////	
TOTALS	37.0	11.7	4.1	.4	.2							100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

WIND SPEED IN KNOTS															TOTAL	MEAN	MEDIAN
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65						
(DEGREES)												%	WIND	WIND			
(N) 350-010	3.2	2.2	.6	.2	.2	.1	.0	.0				6.5	6.2	5.0			
020-040	2.4	2.4	1.0	.3	.1	.0								6.3	6.6	6.0	
050-070	2.3	1.8	1.3	.3	.0	.0								5.8	6.8	6.0	
(E) 080-100	1.9	.9	.4	.1	.0								3.3	5.4	4.0		
110-130	2.8	1.1	.3								4.1	4.1	3.0				
140-160	5.0	1.8	.4	.1								7.3	4.1	3.0			
(S) 170-190	2.5	.5	.3	.0								3.3	3.9	3.0			
200-220	1.3	.2	.1								1.6	3.2	2.0				
230-250	1.5	.3	.0								1.8	3.1	2.0				
(W) 260-280	2.8	.9	.3	.1	.0								4.1	4.2	3.0		
290-310	5.2	3.3	.4	.0								8.9	4.5	4.0			
320-340	5.0	3.2	.9	.5	.2	.0								9.9	5.9	4.0	
VARIABLE																	
CALM	////////////////////////////////////											37.0	////////				
TOTALS	35.9	18.6	6.0	1.6	.5	.1						100.0	3.3	4.0			

TOTAL NUMBER OF OBSERVATIONS 7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS),
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1											2.1	1.9	2.0
020-040	1.3											1.3	2.3	2.0
050-070	1.7	.1				.1						2.0	3.6	2.0
(E) 080-100	2.9	.4										3.3	2.5	2.0
110-130	4.3	1.6	.9									6.8	4.6	4.0
140-160	8.9	3.4	2.3	.4								15.0	5.1	4.0
(S) 170-190	3.1	.8	1.2	.3								5.4	5.5	3.0
200-220	1.0	.4										1.4	3.3	2.0
230-250	.5	.1										.7	3.6	2.0
(W) 260-280	2.3	.8	.1									3.3	3.6	2.0
290-310	5.7	2.9	.3	.1								9.0	4.4	4.0
320-340	4.6	2.1	.3									6.9	4.0	4.0
VARIABLE														
CALM	////////////////////											43.0	////////	
TOTALS	38.4	12.6	5.1	.8	.1							100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 766

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.3	.5	.6	.2							5.4	6.6	4.0
020-040	1.8	1.1	.2	.1								3.2	5.0	4.0
050-070	1.3	.6	.4									2.2	4.6	3.0
(E) 080-100	1.4	.6	.4									2.4	4.6	3.0
110-130	2.1	.7	.5									3.3	4.6	4.0
140-160	3.8	1.5	.1									5.4	3.8	3.0
(S) 170-190	2.0	.1										2.1	2.2	2.0
200-220	1.5											1.5	2.3	2.0
230-250	2.4											2.4	2.1	2.0
(W) 260-280	1.5	.6										2.1	2.8	2.0
290-310	3.3	.5										3.8	2.7	2.0
320-340	3.2	.8	.1	.1	.1							4.4	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											61.8	////////	
TOTALS	27.1	7.8	2.2	.8	.1							100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.2	.9	.5			1					4.5	8.0	7.0
020-040	1.2	1.6	.2	.1								3.2	5.6	6.0
050-070	.9	.5	.2	.1								1.8	5.5	3.0
(E) 080-100	2.2	.6	.1	.6								3.5	5.7	3.0
110-130	3.1	.8	.2									4.1	3.8	3.0
140-160	4.1	1.3										5.4	3.5	3.0
(S) 170-190	2.4	.4	.1									2.8	3.0	2.0
200-220	.7											.7	2.5	2.5
230-250	1.1											1.1	2.0	2.0
(W) 260-280	1.9	.2										2.1	3.0	3.0
290-310	3.3	.2										3.5	2.6	2.0
320-340	2.7	.7	.2	.4								4.0	4.9	2.5
VARIABLE														
CALM	////////////////////											63.3	////////	////////
TOTALS	25.4	7.5	1.9	1.7		.1						100.0	1.7	3.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 80
MONTH: FEB HOURS: 06-08

WIND SPEED IN KNOTS															
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010	2.1	2.0	.8	.4	.1							5.4	6.5	6.0	
020-040	1.9	1.2	.6									3.7	5.4	4.0	
050-070	2.6	.4	.2	.2								3.4	4.6	3.0	
(E) 080-100	2.1	.9	.4	.1	.1							3.7	5.4	3.0	
110-130	2.8	.6										3.4	3.2	3.0	
140-160	4.8	1.3	.7									7.3	4.2	3.0	
(S) 170-190	2.8	.6										3.4	3.2	3.0	
200-220	1.5	.1										1.6	2.2	2.0	
230-250	.4											.4	2.7	2.0	
(W) 260-280	1.2											1.2	2.2	2.0	
290-310	3.4	.5	.4									4.2	3.8	3.0	
320-340	1.9	.7	.6	.2	.1							3.5	6.3	4.0	
VARIABLE															
CALM	////////////////////////////////////											58.8	////////////////////////////////		
TOTALS	27.5	8.8	3.7	.9	.5							100.0	1.9	3.0	
TOTAL NUMBER OF OBSERVATIONS 849															

Not Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	.9	.9	.4	.1							5.1	6.7	4.0
020-040	1.3	1.8	1.1									4.1	6.5	7.0
050-070	2.9	1.6	1.2	.5								6.2	6.7	6.0
(E) 080-100	3.5	1.6	.7	.4	.4	.1						6.7	6.7	4.0
110-130	8.6	2.1	.4									11.1	3.4	3.0
140-160	13.0	4.2	.7									17.9	3.8	3.0
(S) 170-190	3.8	.9	.1									4.8	3.4	3.0
200-220	.9	.4	.1									1.4	3.8	3.0
230-250	.4											.4	3.3	4.0
(W) 260-280	1.5	.8										2.4	4.1	3.0
290-310	1.3	1.4	.1									2.8	4.6	5.0
320-340	2.5	1.1	.6	1.4	.4	.1						6.0	9.0	6.0
VARIABLE														
CALM	////////////////////											31.1	////////	
TOTALS	42.4	16.8	5.9	2.7	.9	.2						100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 149

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.2	1.9	.6	1.1	.6							8.4	7.3	4.0
020-040	2.9	1.5	1.1	.2								5.8	6.0	4.0
050-070	2.7	2.4	2.2	.6								7.9	7.5	6.0
(E) 080-100	4.6	1.4	.6	.4	.4	.2						7.5	6.2	4.0
110-130	2.8	2.4										5.2	4.2	4.0
140-160	4.5	1.9	1.3	.1								7.8	5.5	4.0
(S) 170-190	2.2	.9	.4									3.5	4.3	3.5
200-220	1.1	.7	.2									2.0	5.1	4.0
230-250	1.4	.7	.6									2.7	5.3	4.0
(W) 260-280	2.1	2.9	.6	.2								5.9	5.9	6.0
290-310	4.9	7.2	.8	.1								13.1	5.4	5.0
320-340	4.4	6.5	2.2	1.4	.5							15.0	7.6	6.0
VARIABLE														
CALM	////////////////////////////////////											15.5	////////	
TOTALS	37.8	30.4	10.6	4.1	1.5							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.9	.7	1.3	.1							5.7	8.6	7.0
020-040	2.5	1.5	1.4									5.2	6.1	5.0
050-070	2.4	2.1	1.9	.4	.1							6.8	7.4	7.0
(E) 080-100	.9	1.4	1.4	.1	.1							4.0	8.5	8.0
110-130	.8	.5	.2									1.5	5.3	4.0
140-160	1.4	1.5	.5									3.5	5.9	5.0
(S) 170-190	.7	1.1	.4									2.1	6.0	6.0
200-220	.5	1.3										1.8	6.3	6.0
230-250	.5	.6	.4									1.4	6.2	6.0
(W) 260-280	3.3	3.4	.8									7.5	5.6	5.0
290-310	9.1	20.7	3.1	.4								33.2	6.1	6.0
320-340	5.3	9.7	2.8	1.9	.1							19.8	7.4	6.0
VARIABLE														
CALM	////////////////////											7.4	////////	
TOTALS	29.0	45.5	15.6	4.7	.4							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD AUG 79 JUL 89
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	2.1	.6	.2								7.7	4.6	4.0
020-040	1.6	2.1	.4	.1								4.2	5.8	6.0
050-070	1.4	1.6	1.3	.1								4.5	7.1	8.0
(E) 080-100	.8	.5	1.3									2.6	7.5	9.5
110-130	1.6	1.1	.1									2.8	4.7	4.0
140-160	4.0	2.0	.4	.1								6.5	4.4	4.0
(S) 170-190	.9	.9	.1									2.0	5.5	5.0
200-220	1.8	.6										2.4	3.4	3.0
230-250	1.8	.2										2.0	3.1	3.0
(W) 260-280	4.8	1.8										6.6	3.4	3.0
290-310	14.3	7.5	.6									22.4	4.2	4.0
320-340	7.3	3.2	1.8									12.2	5.1	4.0
VARIABLE														
CALM	////////////////////											24.1	////////	
TOTALS	45.0	23.6	6.6	.5								100.0	3.6	4.0
TOTAL NUMBER OF OBSERVATIONS 3549														

Not Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MED WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.7	1.1	.5	.4	.1							4.7	5.7	4
020-040	1.6	1.6	.4									3.7	5.3	5
050-070	.3	1.2	.7									2.7	6.9	6
(E) 080-100	1.6	.5	.6									2.7	5.7	4
110-130	2.6	1.8	.2									4.6	4.5	4
140-160	3.9	2.6	.2									6.7	4.2	4
(S) 170-190	2.4	.2										2.6	2.8	2
200-220	1.5	.1										1.6	2.5	2
230-250	1.4	.1										1.5	2.4	2
(W) 260-280	3.8	.7										4.5	2.9	2
290-310	6.8	.8	.1									7.8	3.0	2
320-340	4.5	1.5	.1									5.9	3.6	3
VARIABLE														
CALM	////////////////////////////////////											51.0	////////	
TOTALS	33.6	12.0	2.8									100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 349

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFIS CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 JUL 89
MONTH: FEB HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												4	WIND	WIND
(N) 350-010	2.8	1.5	.7	.6	.2	.0						5.8	6.7	5.0
020-040	1.9	1.5	.7	.1								4.1	5.9	5.0
050-070	1.9	1.3	1.0	.2	.0							4.4	6.7	6.0
(E) 080-100	2.2	.9	.7	.2	.1	.0						4.1	6.4	4.0
110-130	3.1	1.2	.2									4.5	4.0	4.0
140-160	4.9	2.1	.5	.0								7.6	4.3	4.0
(S) 170-190	2.1	.6	.1									2.9	3.7	3.0
200-220	1.2	.4	.0									1.6	3.7	3.0
230-250	1.1	.2	.1									1.5	3.6	2.0
(W) 260-280	2.5	1.3	.2	.0								4.0	4.3	4.0
290-310	5.8	4.9	.6	.1								11.4	4.8	4.0
320-340	4.0	3.0	1.1	.7	.1	.0						8.8	6.5	5.0
VARIABLE														
CALM	////////////////////////////////////											39.1	////////	
TOTALS	33.5	18.9	5.9	1.9	.4							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 F

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN M
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.3	.4										2.7	2.9
020-040	.4	.1										.6	3.5
050-070	1.7	.3		.1								2.1	3.6
(E) 090-100	2.0	.6										2.6	3.3
110-130	4.6	2.6	.9									8.0	4.7
140-160	7.4	3.7	1.1	.1								12.4	4.7
(S) 170-190	3.0	.7										3.7	3.2
200-220	1.3	.1										1.4	3.3
230-250	.6	.1										.7	3.2
(W) 260-280	2.8	1.1	.1									4.1	3.9
290-310	6.7	4.0	.4									11.1	4.3
320-340	4.1	2.8	.1									7.1	4.4
VARIABLE													
CALM	////////////////////											43.4	////////
TOTALS	36.9	16.5	2.4	.1								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 702

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9		.1									1.0	4.1	4.0
020-040	1.0	.4	.2									1.6	5.0	4.0
050-070	.9	.1	.3									1.3	4.8	2.5
(E) 080-100	.9											.9	2.0	1.5
110-130	2.4	1.5	.6									4.5	5.2	4.0
140-160	6.6	3.0	.3									9.9	4.2	4.0
(S) 170-190	2.6	.1										2.7	2.5	2.0
200-220	1.6	.1										1.7	2.2	2.0
230-250	1.3											1.3	2.2	2.0
(W) 260-280	2.6	.1	.2									2.9	2.9	2.0
290-310	4.5	.6										5.2	2.9	2.0
320-340	4.4	.5	.3									5.3	3.5	3.0
VARIABLE														
CALM	////////////////////											61.8	////////	
TOTALS	29.7	6.4	2.0									100.0	1.4	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARSH AIR CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.5		.1								.8	5.9	5.0
020-040	1.1	.3										1.4	3.8	3.0
050-070	.4	.1	.2									.8	6.0	4.0
(E) 080-100	.9	.3	.1	.1								1.4	5.5	4.0
110-130	3.3	1.6	.2									5.2	4.2	4.0
140-160	4.7	2.2	.5									7.4	4.3	3.0
(S) 170-190	3.2	.6	.1									4.0	3.2	2.0
200-220	1.7											1.7	2.3	2.0
230-250	1.3	.1										1.4	2.7	2.0
(W) 260-280	1.4	.6										2.0	3.4	3.0
290-310	2.4	.6	.1									3.1	3.5	2.0
320-340	3.0	.1	.3	.1								3.5	3.6	2.0
VARIABLE														
CALM	////////////////////////////////////											67.3	////////////////////////////////	
TOTALS	23.7	6.8	1.5	.5								100.0	1.3	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(M) 350-010	1.2	.2		.1								1.5	4.4	3.0
020-040	1.1	.3	.1									1.5	3.7	3.0
050-070	1.6	.6	.2	.1								2.6	4.8	3.0
(E) 080-100	2.0	.3		.2								2.6	4.1	2.0
110-130	4.4	1.5	.2									6.1	3.8	3.0
140-160	8.1	3.5	.9	.1								12.6	4.3	3.0
(S) 170-190	2.4	.3										2.7	2.9	3.0
200-220	1.4											1.4	2.1	2.0
230-250	1.6	.2	.1									1.9	2.9	2.0
(W) 260-280	.8	.4	.2									1.4	5.5	4.0
290-310	1.4	.3	.1									1.8	4.1	4.0
320-340	1.9	.3	.6			.1						3.0	5.6	4.0
VARIABLE														
CALM	////////////////////											60.9	////////	
TOTALS	27.9	7.9	2.4	.5	.1							100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS: 720

OPERATING LOCATION "A"
USFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	1.9	1.2	.4	.1	.1							3.8	5.8	4.0
020-040	2.6	.1	.2									2.9	3.0	2.0
050-070	2.4	1.4	.4	.3								4.5	5.5	4.0
(E) 080-100	4.2	1.9	.5	.3								7.0	4.8	3.0
110-130	7.5	2.7	.3									10.5	3.7	3.0
140-160	10.1	5.3	1.4	.2								17.0	4.5	4.0
(S) 170-190	3.1	1.2	.6									5.1	5.0	4.0
200-220	2.8	.6	.2	.1								3.8	3.7	3.0
230-250	1.3	.9	.5	.1								2.9	6.6	5.0
(W) 260-280	2.5	1.3	.8									4.3	5.3	4.0
290-310	2.9	1.2		.1								4.2	4.1	3.0
320-340	3.0	2.7	.3	.4	.1							6.6	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											27.5	////////////////////////////////	
TOTALS	44.1	20.5	5.4	2.0	.1							100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.3	.1	.3								4.4	5.0	4.0
020-040	3.2	.6										3.9	3.1	2.0
050-070	2.2	1.2	.5	.1								4.0	5.5	4.0
(E) 080-100	3.0	1.5	.3									4.8	4.3	4.0
110-130	3.2	1.4	.5									5.2	4.7	4.0
140-160	3.0	1.7	.5	.1	.1							5.5	5.6	4.0
(S) 170-190	2.0	2.3	1.1	.4								5.8	6.9	5.5
200-220	1.3	1.0	.4									2.7	5.6	5.0
230-250	1.5	2.3	.5	.3								4.6	6.8	6.0
(W) 260-280	3.2	4.5	1.5	.3	.1							9.7	6.7	6.0
290-310	7.5	14.1	2.7	.3								24.6	6.0	6.0
320-340	5.3	6.1	2.4	.8	.2							14.7	6.8	6.0
VARIABLE														
CALM	////////////////////											10.1	////////	
TOTALS	38.1	38.0	10.5	2.6	.4							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIA WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.1	.1	.2	.2							3.4	6.3	4.0
020-040	1.0	.6	.4									2.0	4.9	5.0
050-070	1.3	1.7	1.2	.1								4.3	6.9	6.0
(E) 080-100	.8	.4	.2									1.4	4.6	3.0
110-130	.5	.8	.3		.1							1.7	7.4	7.0
140-160	.9	1.2	.8	.1	.1							3.0	7.9	7.0
(S) 170-190	.5	1.3	.6									2.5	7.0	8.0
200-220	.8	.8	1.0	.1								2.6	7.4	6.0
230-250	1.2	1.2	1.1	.1								3.5	7.5	8.0
(W) 260-280	2.3	7.1	1.7		.1							11.2	6.9	7.0
290-310	6.0	24.2	9.0	.2								39.5	7.4	8.0
320-340	5.8	9.9	2.6	1.1	.1							19.5	6.7	6.0
VARIABLE														
CALM	////////////////////											5.4	////////	
TOTALS	22.9	50.3	19.0	1.9	.6							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.3	1.1	.1	.1								4.6	4.2	4.0
020-040		1.3	.9	.1									2.3	4.3	4.0
050-070		1.1	.5	.5									2.2	5.8	4.5
(E) 080-100		1.5	.6										2.2	4.0	3.5
110-130		1.5	1.2	.1									2.8	4.5	4.0
140-160		2.9	3.2	1.1									7.2	5.7	6.0
(S) 170-190		2.3	1.5	.3		.1							4.2	5.2	4.0
200-220		1.1	1.0										2.0	3.7	4.0
230-250		1.7	.4	.5									2.7	4.8	4.0
(W) 260-280		6.1	3.1	.2									9.5	4.3	4.0
290-310		16.1	11.4	1.3									28.8	4.8	4.0
320-340		8.4	4.4	.4	.1								13.3	4.5	4.0
VARIABLE															
CALM		////////////////////////////////////										18.5	////////////////////////////////		
TOTALS		47.3	29.3	4.6	.2	.1							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.3	.1									2.5	3.6	3.0
020-040	1.2	.6	.2	.1								2.2	5.3	3.5
050-070	.6	.2	.1									1.0	4.6	4.0
(E) 080-100	1.7	.4	.1									2.3	3.9	4.0
110-130	3.2	1.7	.1									5.1	4.1	4.0
140-160	6.9	3.4	.4	.1								10.9	4.3	4.0
(S) 170-190	3.1	.8										3.9	3.4	4.0
200-220	1.7	.2										1.9	2.6	2.0
230-250	1.5	.8										2.3	3.6	2.0
(W) 260-280	3.5	.6										4.2	2.9	2.0
290-310	6.7	1.2	.1									8.0	3.2	2.5
320-340	4.5	1.0										5.5	3.1	3.0
VARIABLE														
CALM	////////////////////											50.5	////////	
TOTALS	36.6	11.2	1.1	.2								100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN % WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.7	.1	.1	.0							2.7	5.0	4.0
020-040	1.5	.5	.2	.0								2.2	4.0	3.0
050-070	1.3	.7	.4	.1								2.6	5.7	4.0
(E) 080-100	1.9	.7	.2	.1								2.8	4.4	3.0
110-130	3.3	1.5	.3		.0							5.1	4.3	3.5
140-160	5.4	2.9	.7	.1	.0							9.2	4.7	4.0
(S) 170-190	2.4	1.0	.3	.1	.0							3.8	4.7	4.0
200-220	1.5	.5	.2	.0								2.2	4.0	3.0
230-250	1.4	.7	.3	.1								2.6	5.3	4.0
(W) 260-280	2.8	2.2	.6	.0	.0							5.6	5.3	5.0
290-310	5.9	6.7	1.7	.1								14.4	5.7	5.0
320-340	4.5	3.1	.9	.3	.1							8.9	5.5	4.0
VARIABLE														
CALM	////////////////////											57.7	////////	
TOTALS	33.7	21.2	5.9	1.0	.1							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 5 MILES (4800 METERS) WITH CEILING GE 200 FEET

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND SPEED	MEAN WIND DIRECTION
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.3										1.4	3.3	
020-040	1.0											1.0	2.6	
050-070	1.0	.1										1.1	2.5	
(E) 080-100	.6	.1										.8	3.9	
110-130	3.9	2.9	.5		.1							7.5	5.3	
140-160	7.3	5.6	.9	.1	.2							14.1	5.2	
(S) 170-190	2.5	1.0	.4									3.9	4.7	
200-220	1.1											1.1	2.1	
230-250	1.3	.1	.1									1.5	2.9	
(W) 260-280	2.3	1.1	.6									4.0	4.8	
290-310	5.5	6.8	.5									12.9	5.1	
320-340	4.2	1.9	.3									6.5	4.3	
VARIABLE														
CALM	////////////////////////////////////											44.4	////////	
TOTALS	31.0	19.9	3.3	.1	.3							100.0	2.6	

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.1	.1	.1								.8	6.0	2.0
020-040	.4	.4	.1									1.0	5.1	5.0
050-070	.3	.1										.4	3.0	2.0
(E) 080-100	.7	.1	.1									.9	4.0	2.5
110-130	3.6	2.0	.1									5.7	4.2	4.0
140-160	7.1	3.4										10.6	3.7	4.0
(S) 170-190	2.3	.6										2.9	3.3	3.0
200-220	1.1	.3										1.4	3.3	2.0
230-250	1.0	.1										1.1	2.5	2.0
(W) 260-280	3.7	.7										4.3	2.9	2.0
290-310	5.2	1.0										6.2	3.1	3.0
320-340	3.0	1.0	.2	.1								4.3	3.7	3.0
VARIABLE														
CALM	////////////////////											60.3	////////	
TOTALS	28.8	9.8	.6	.2								100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.0	.2	.1									1.3	4.0	3.0
020-040	1.0	.1	.1									1.2	3.9	2.0
050-070	1.0											1.0	2.3	2.0
(E) 080-100	1.1											1.1	2.7	3.0
110-130	2.7	.9	.1									3.7	3.9	3.0
140-160	7.0	3.3										10.3	3.8	4.0
(S) 170-190	2.2	.8										3.0	3.3	3.0
200-220	1.0											1.0	2.4	2.0
230-250	1.6											1.6	2.2	2.0
(W) 260-280	2.1	.1										2.2	2.6	2.0
290-310	4.9	1.1	.1	.1								6.2	3.6	3.0
320-340	2.9	.2	.1	.1								3.4	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////										63.9	////////		
TOTALS	28.5	6.7	.5	.3								100.0	1.3	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.9	.3									2.4	5.5	4.5
020-040	1.1	1.0										2.1	4.6	4.0
050-070	1.1	.1	.2									1.4	4.3	3.0
(E) 080-100	3.4	.1		.1								3.7	2.8	2.0
110-130	6.0	2.6	.1									8.7	3.6	3.0
140-160	7.9	3.8	.6									12.2	4.1	4.0
(S) 170-190	4.4	1.3	.1									5.9	3.5	3.0
200-220	1.6	.1										1.7	2.3	2.0
230-250	.3	.2										.6	4.0	4.0
(W) 260-280	1.4	.6	.2									2.2	4.3	3.0
290-310	3.0	.3	.1									3.4	3.5	3.0
320-340	3.2	.8	.1	.3								4.4	4.3	3.0
VARIABLE														
CALM	////////////////////											51.2	////////	
TOTALS	34.6	11.8	1.7	.4								100.0	1.9	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

Don't know how to copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDI WIN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	1.1	.2	.2	.2	.1						7.0	4.8	3.
020-040	3.6	1.0	.2		.1							4.9	4.2	3.
050-070	3.1	1.3	.9	.8								6.1	6.5	4.
(E) 080-100	4.7	1.1	1.1	.1	.1							7.1	5.1	4.
110-130	9.1	3.1	.3									12.6	3.7	3.
140-160	6.0	3.8	.7	.2								10.7	4.9	4.
(S) 170-190	3.8	1.1	.8									5.7	4.7	4.
200-220	1.3	1.0	.1									2.4	4.7	4.
230-250	1.6	.6										2.1	3.6	3.
(W) 260-280	2.9	2.1	.9									5.9	5.7	5.
290-310	4.0	5.6	1.0	.2								10.8	5.9	6.
320-340	5.3	3.6	.2	.6	.3	.1						10.1	5.8	4.
VARIABLE														
CALM	////////////////////											14.7	////////	
TOTALS	50.5	25.4	6.4	2.1	.7	.2						100.0	4.3	4.

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	2.2	.6	.6	.4							7.4	6.6	5.0
020-040	2.6	.8		.1								3.4	3.9	3.0
050-070	1.6	.8	1.2	.2								3.8	7.3	8.0
(E) 080-100	1.1	.9	.3									2.3	5.0	5.0
110-130	2.3	.7	.2	.1								3.3	4.7	3.5
140-160	1.2	1.4	.7	.1								3.4	6.9	6.0
(S) 170-190	2.6	1.3	.8	.1								4.8	5.5	4.0
200-220	1.2	.7	.3									2.2	4.9	4.0
230-250	1.7	2.0	.9									4.6	6.4	7.0
(W) 260-280	2.3	7.2	2.6	.3								12.4	7.4	7.0
290-310	5.9	17.0	5.9	.3								29.1	7.2	7.0
320-340	5.4	9.4	3.8	.7	.2							19.6	7.2	7.0
VARIABLE														
CALM	////////////////////											3.6	////////	
TOTALS	31.6	44.4	17.3	2.5	.6							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.8	.9	.6	.4	.2							2.9	9.1	7.0
020-040	.4	.8	.2	.2								1.7	7.1	6.0
050-070	.7	1.1	.4									2.2	6.3	6.5
(E) 080-100	.6	.3	.1									1.0	5.0	4.0
110-130	.6	.3	.6									1.4	6.9	9.0
140-160	.4	1.0	.8									2.2	7.9	8.0
(S) 170-190	.4	1.1	.6	.1								2.2	7.8	8.0
200-220	.7	.6	.8									2.0	7.5	8.5
230-250	.4	.4	1.0	.2								2.1	9.1	10.0
(W) 260-280	1.0	5.4	6.1	.4	.1							12.9	9.2	9.5
290-310	3.2	19.4	22.1	1.4								46.2	9.3	10.0
320-340	3.7	11.0	5.0	1.1	.2							21.0	7.9	8.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////////////////////////////	
TOTALS	12.9	42.3	38.3	3.6	.5							100.0	8.5	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.9	.4		.1							3.1	5.9	4.0
020-040	.4	.8										1.2	4.7	5.0
050-070	1.0	.3	.1									1.4	3.6	3.0
(E) 080-100	.3	.2	.1									.7	5.2	5.0
110-130	1.3	1.3	.2									2.9	5.2	5.0
140-160	2.4	2.3	.4									5.2	5.3	5.0
(S) 170-190	1.8	.3	.1									2.2	3.6	3.0
200-220	1.0	1.1	.1									2.2	5.0	5.0
230-250	1.6	1.4	.6	.1								3.7	6.2	5.0
(W) 260-280	5.7	4.1	1.4	.1								11.3	5.5	4.5
290-310	12.4	21.6	3.2	.2								37.4	5.9	6.0
320-340	8.2	6.9	.7									15.8	4.9	4.0
VARIABLE														
CALM	////////////////////											12.8	////////	
TOTALS	37.8	41.2	7.3	.4	.1							100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIA WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.3	.2		.2	.1						1.8	8.5	5.0
020-040	1.0	.2	.1									1.3	3.4	3.0
050-070	.2	.1										.3	4.0	2.0
(E) 080-100	.2	.1										.3	2.7	2.0
110-130	2.7	1.7	.3									4.7	4.6	4.0
140-160	7.8	4.9	.1	.1								12.9	4.4	4.0
(S) 170-190	3.2	.4	.1									3.8	3.3	3.0
200-220	1.7											1.7	2.1	2.0
230-250	2.1	.1										2.2	2.5	2.0
(W) 260-280	5.1	.8										5.9	3.0	2.0
290-310	8.4	2.6										11.0	3.3	3.0
320-340	4.1	1.3	.1									5.6	3.5	3.0
VARIABLE														
CALM	////////////////////											48.6	////////	////////
TOTALS	37.4	12.5	.9	.1	.2	.1						100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 7228-0

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.8	.8	.3	.2	.2	.0						3.3	6.2	4.0
020-040	1.3	.6	.1	.0	.0							2.1	4.5	4.0
050-070	1.1	.5	.4	.1								2.1	5.8	4.0
(E) 080-100	1.5	.4	.2	.0	.0							2.1	4.3	3.0
110-130	3.5	1.6	.3	.0								5.4	4.1	4.0
140-160	5.0	3.0	.4	.1								8.4	4.5	4.0
(S) 170-190	2.6	.9	.3	.0								3.8	4.3	4.0
200-220	1.2	.5	.2									1.8	4.3	3.0
230-250	1.3	.6	.3	.0								2.2	5.2	4.0
(W) 260-280	3.0	2.6	1.4	.1	.0							7.2	6.1	6.0
290-310	5.9	8.6	4.1	.3								18.8	6.7	7.0
320-340	4.5	4.3	1.3	.4	.1	.0						10.5	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											32.1	////////	
TOTALS	32.7	24.4	9.3	1.2	.3							100.0	3.8	5.0
TOTAL NUMBER OF OBSERVATIONS 7200														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MED
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	.9	.1									3.7	3.8	3
020-040	.6	.2										.8	2.7	2
050-070	.5											.5	2.3	2
(E) 080-100	1.4											1.4	2.3	2
110-130	2.5	.5										2.9	2.8	2
140-160	5.1	2.7	.2	.1								8.1	4.4	4
(S) 170-190	2.7	.9										3.7	3.4	3
200-220	.4											.4	1.0	1
230-250	1.1											1.1	2.8	3
(W) 260-280	3.7	3.1	.5		.1							7.3	5.2	4
290-310	8.5	11.8	3.5									23.8	6.1	6
320-340	7.7	4.5	.7									12.8	4.5	4
VARIABLE														
CALM	////////////////////											33.6	////	////
TOTALS	36.8	24.6	5.0	.1	.1							100.0	3.2	4

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	.1										.9	2.8	3.0
020-040	.2											.2	1.0	1.0
050-070		.1										.1	6.0	6.0
(E) 080-100	.4											.4	2.0	2.0
110-130	2.5	1.5										4.0	3.8	4.0
140-160	9.1	2.4										11.5	3.3	3.0
(S) 170-190	2.3	.9										3.1	3.6	3.0
200-220	1.2	.1										1.3	2.7	2.0
230-250	1.2	.1										1.3	2.6	2.0
(W) 260-280	2.6	.3										2.9	2.7	2.0
290-310	12.2	1.2										13.3	2.9	3.0
320-340	5.3	1.1										6.3	3.1	3.0
VARIABLE														
CALM	////////////////////////////////////											54.6	////////	
TOTALS	37.8	7.8										100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-10	.5											.5	1.6	2.0
020-040	.5											.5	1.6	1.0
050-070	.5											.5	2.6	3.0
(E) 080-100	.8											.8	2.4	2.0
110-130	2.9	.4										3.3	3.0	3.0
140-160	7.5	3.0										10.5	3.5	4.0
(S) 170-190	1.9	.1	.1									2.2	3.0	2.5
200-220	.6											.6	1.3	1.0
230-250	.4	.1										.5	3.0	2.0
(W) 260-280	2.3	.5										2.8	2.9	2.0
290-310	8.2	1.2										9.4	3.1	3.0
320-340	5.1	.2	.1									5.4	2.9	2.0
VARIABLE														
CALM	////////////////////											62.9	////////	
TOTALS	31.2	5.5	.2									100.0	1.1	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.2										1.7	3.0	2.5
020-040	1.4	.1	.1									1.6	3.1	2.0
050-070	1.4		.1									1.5	2.4	1.5
(E) 080-100	2.5	.2										2.7	2.2	2.0
110-130	7.4	1.4										8.8	3.1	3.0
140-160	9.7	4.5	.1									14.3	3.7	3.0
(S) 170-190	3.8	1.3										5.6	3.6	3.5
200-220	1.1	.3	.1									1.5	4.3	3.5
230-250	.5											.5	1.6	2.0
(W) 260-280	1.4	.1	.1									1.6	3.6	2.0
290-310	4.6	1.0										5.6	2.2	3.0
320-340	4.1	.9										4.9	3.0	2.0
VARIABLE														
CALM	////////////////////											49.6	////////	
TOTALS	39.4	10.5	.5									100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS 970

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: HARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 8
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	5.3	1.7	.1	.1								7.2	3.8
020-040	4.3	.3										4.6	2.7
050-070	4.6	.3	.2									5.2	2.9
(E) 080-100	4.9	.8	.4									6.1	3.3
110-130	4.9	1.7	.1									6.8	3.3
140-160	4.8	2.9	.3									8.1	4.3
(S) 170-190	2.8	.8	.5									4.1	4.1
200-220	2.3	.4	.2									2.9	3.5
230-250	2.3	.3										2.6	3.0
(W) 260-280	3.1	2.3	.3									5.7	4.7
290-310	5.7	10.1	1.1									16.9	5.7
320-340	8.8	6.8	.4			.2						16.2	4.8
VARIABLE													
CALM	////////////////////////////////////											13.7	////
TOTALS	53.8	28.4	3.6	.1	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 85
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.2	.2	.1								4.6	5.1	5.0
020-040	.9	.8	.2									1.8	5.6	5.0
050-070	.9	.1										1.0	3.1	2.0
(E) 080-100	.6	.4	.2									1.3	5.7	5.0
110-130	.9	.6										1.5	4.4	4.0
140-160	1.0	.9	.1									1.9	4.9	4.5
(S) 170-190	.9	.9	.3	.1								2.2	6.4	6.0
200-220	.6	1.1	.4									2.2	6.0	6.0
230-250	1.2	.9	.3									2.4	5.5	4.5
(W) 260-280	3.1	7.5	3.7	.1								14.4	7.3	7.0
290-310	4.4	23.7	14.0	.3								42.4	8.1	8.0
320-340	4.4	13.2	4.2	.1								21.9	6.9	7.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	21.1	52.3	23.6	.7								100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.2	.4	.2								.9	6.5	6.0
020-040		.3	.1								.4	8.3	7.5
050-070	.2	.2	.1								.5	6.2	6.0
(E) 080-100	.2	.1									.3	4.0	4.0
110-130	.2	.1									.3	5.3	4.0
140-160	.2	.3	.2								.8	7.4	8.0
(S) 170-190		.6	.5								1.2	9.3	8.0
200-220	.1	.4	.4	.1							1.1	8.9	9.0
230-250	.5	1.2	.9	.1							2.7	7.8	8.0
(W) 260-280	.5	5.2	6.5	.8							12.9	9.7	10.0
290-310	1.8	17.0	38.8	1.9							59.6	10.1	10.0
320-340	2.8	10.0	6.1	.1							19.0	7.9	8.0
VARIABLE													
CALM	////////////////////////////////////										.3	////////////////////////////////	
TOTALS	6.7	35.8	53.8	3.0							100.0	9.4	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.3										1.4	3.3	4.0
020-040	.1											.1	4.0	4.0
050-070	.1	.1										.2	5.0	5.0
(E) 080-100	.1											.1	2.0	2.0
110-130	.3	.3										.6	4.7	4.5
140-160	.9	1.4										2.3	5.2	5.0
(S) 170-190	1.6	1.3	.2									3.1	5.2	4.0
200-220	.3	.4										.8	5.3	6.0
230-250	1.7	.4	.1									2.3	4.0	3.0
(W) 260-280	3.8	4.6	1.1	.2								9.7	5.9	5.0
290-310	14.1	25.7	10.0	.1								49.9	6.7	7.0
320-340	8.5	9.7	1.1									19.2	5.3	5.0
VARIABLE														
CALM	////////////////////											10.3	////////	
TOTALS	32.6	44.2	12.5	.3								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.9	.2										1.1	2.8	2.0
020-040														
050-070	.3											.3	2.7	3.0
(E) 080-100	.9											.9	2.4	2.5
110-130	2.6	2.0										4.6	4.3	4.0
140-160	7.4	4.6	.1									12.2	4.0	4.0
(S) 170-190	3.4	.8										4.2	3.2	3.0
200-220	.9											.9	2.5	2.0
230-250	1.6	.1										1.7	2.4	2.0
(W) 260-280	6.2	1.1										7.3	2.9	2.0
290-310	10.5	1.7										12.3	3.0	3.0
320-340	6.2	1.7										8.0	3.5	4.0
VARIABLE														
CALM	////////////////////////////////////											46.7	////////////////////////////////	
TOTALS	40.9	12.2	.1									100.0	1.8	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

Best Available

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	.6	.1	.0								2.3	4.0	4.0
020-040	.9	.2	.1									1.2	3.5	3.0
050-070	1.0	.1	.1									1.2	3.1	2.0
(E) 080-100	1.3	.2	.1									1.6	3.2	2.0
110-130	2.7	1.0	.0									3.7	3.5	3.0
140-160	5.1	2.5	.1									7.7	3.9	4.0
(S) 170-190	2.1	.9	.2	.0								3.2	4.3	4.0
200-220	.9	.3	.1	.0								1.4	4.4	4.0
230-250	1.2	.4	.2	.0								1.7	4.3	3.0
(W) 260-280	2.0	2.7	1.5	.1								7.2	6.2	6.0
290-310	7.7	10.2	8.0	.3								26.2	7.1	8.0
320-340	5.6	5.4	1.5	.0	.0							12.6	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											30.1	////////	
TOTALS	32.9	24.5	12.0	.4								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.2	.5									2.7	3.0	3.0
020-040	.9										.9	2.2	2.0
050-070	.8										.8	1.8	1.5
(E) 080-100	1.6	.2									1.7	2.3	2.0
110-130	2.0	1.2									3.2	3.6	4.0
140-160	7.1	2.8									10.0	3.5	4.0
(S) 170-190	2.8	.2									3.0	2.8	2.0
200-220	1.1	.1									1.2	3.0	3.0
230-250	1.0										1.0	2.3	2.0
(W) 260-280	2.6	1.0	.4								4.0	4.4	3.0
290-310	11.7	8.1	2.3	.1							22.3	5.0	4.0
320-340	7.7	6.3	1.1								15.1	4.8	4.0
VARIABLE													
CALM	////////////////////										34.1	////////	
TOTALS	41.5	20.4	3.8	.1							100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 1204

PERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
N) 350-010	1.0											1.0	2.4	2.0
020-040	.2											.2	2.5	2.5
050-070														
E) 080-100	.4											.4	2.3	2.5
110-130	.8	.1										.9	2.6	2.5
140-160	4.1	2.7										6.8	4.1	4.0
S) 170-190	1.7	.1										1.8	3.1	3.0
200-220	.3											.3	2.3	2.0
230-250	.9											.9	2.0	2.0
(W) 260-280	5.7	.2										5.9	2.6	2.0
290-310	16.1	1.3										17.4	2.8	2.0
320-340	6.7	.7										7.3	2.9	2.0
VARIABLE														
CALM	////////////////////////////////////											57.0	//////////	
TOTALS	37.9	5.1										100.0	1.3	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2											1.2	2.2	2.0
020-040	.2											.2	2.0	2.0
050-070	.3											.3	2.0	2.0
(E) 080-100	.4											.4	1.5	1.5
110-130	1.3	.1										1.4	2.7	2.0
140-160	5.4	1.3	.1									6.9	3.7	3.5
(S) 170-190	2.0	.8										2.8	3.4	3.0
200-220	.3											.3	3.0	3.0
230-250	.4											.4	3.3	4.0
(W) 260-280	3.0	.2										3.2	2.4	2.0
290-310	11.0	1.0										12.0	2.8	2.0
320-340	6.3	.3										6.7	2.8	3.0
VARIABLE														
CALM	////////////////////											64.0	////////	
TOTALS	31.8	3.7	.1									100.0	1.1	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.1	.1										1.2	2.7	2.0
020-040	1.4											1.4	1.8	2.0
050-070	1.3		.1									1.4	2.6	2.0
(E) 080-100	3.0											3.0	1.9	2.0
110-130	4.7	.6										5.2	2.9	3.0
140-160	6.2	3.1	.6									9.9	4.2	4.0
(S) 170-190	3.0	1.0										4.0	3.2	3.0
200-220	.8	.2										1.0	2.7	2.0
230-250	.4											.4	2.0	2.0
(W) 260-280	3.0	.2										3.2	2.8	2.0
290-310	7.0	1.4										8.4	3.0	3.0
320-340	5.2	.8										6.0	2.9	2.0
VARIABLE														
CALM	////////////////////											54.7	////////	
TOTALS	37.1	7.4	.7									100.0	1.4	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	1.7	.3									6.9	3.9	4.0
020-040	2.4	.2										2.7	2.7	2.5
050-070	2.1	.4										2.6	2.7	3.0
(E) 080-100	2.8	.4										3.2	2.8	2.0
110-130	4.2	1.0										5.2	3.1	3.0
140-160	5.1	1.3	.1									6.6	3.6	3.0
(S) 170-190	2.4	1.1	.1									3.7	3.9	4.0
200-220	2.1	.2										2.3	2.7	2.0
230-250	3.0	.2										3.2	2.8	3.0
(W) 260-280	4.3	3.0										7.3	4.2	4.0
290-310	7.9	13.0	.7									21.6	5.5	5.0
320-340	9.1	8.8	.8									18.7	4.9	5.0
VARIABLE														
CALM	////////////////////											16.1	////////	
TOTALS	50.3	31.3	2.0									100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 900

PERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

TATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 80
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.2	.3	.1								4.2	5.9	5.0
020-040	.7	.3										1.0	3.7	3.0
050-070	.7		.1									.8	3.9	3.0
(E) 080-100	.2	.2										.4	5.3	5.5
110-130	.4	.1	.1	.1								.8	5.7	3.0
140-160	.7	.4	.1									1.2	5.8	4.0
(S) 170-190	.4	.2	.3									1.0	6.4	7.0
200-220	.6	.3										.9	4.1	4.0
230-250	.7	.4										1.1	4.4	4.0
(W) 260-280	2.2	8.3	3.1									13.7	7.2	7.0
290-310	3.6	27.0	15.9	.1								46.6	8.3	8.0
320-340	4.4	17.7	5.0									27.1	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	16.2	57.1	24.9	.3								100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	.2	.1	.1	.1							.7	11.7	11.0
020-040			.1									.1	12.0	12.0
050-070														
(E) 080-100	.1	.2										.3	5.7	6.0
110-130		.1	.2									.3	9.3	10.0
140-160	.3	.3										.7	4.5	4.0
(S) 170-190		.2										.2	8.5	8.5
200-220	.1	.2										.3	6.7	8.0
230-250			.1									.1	10.0	10.0
(W) 260-280	.3	2.8	3.3	.1								6.6	9.2	10.0
290-310	1.4	21.1	46.1	1.6								70.2	10.2	10.0
320-340	1.2	9.8	8.9	.4								20.3	9.0	9.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	3.5	34.9	58.8	2.2	.1							100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 900

Base Airfield Copy

OPERATING LOCATION "A"
USAFETAC, ARNEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.3	.1	.2								1.2	6.9	5.0
020-040		.1										.1	6.0	6.0
050-070														
(E) 080-100	.1	.2										.3	5.7	6.0
110-130	.1	.1										.2	4.0	4.0
140-160	.3	.3										.7	4.8	4.5
(S) 170-190	.2	.1										.3	4.0	2.0
200-220	.2	.1										.3	4.0	3.0
230-250	.2		.1									.3	4.3	2.0
(W) 260-280	4.4	4.7	.4									9.6	5.0	5.0
290-310	13.4	38.7	12.0	.1								64.2	6.9	7.0
320-340	5.9	9.6	2.8	.1								18.3	6.1	6.0
VARIABLE														
CALM	////////////////////											4.3	////	////
TOTALS	25.4	54.2	15.4	.4								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.2	.1									1.4	3.8	3.0
020-040	.2											.2	1.5	1.5
050-070														
(E) 080-100	.1											.1	2.0	2.0
110-130	1.0	.3										1.3	3.4	3.5
140-160	3.0	2.4										5.4	4.3	4.0
(S) 170-190	1.7	.1										1.8	2.9	2.5
200-220	1.1											1.1	2.3	2.0
230-250	1.7	.1										1.8	2.3	2.0
(W) 260-280	9.7	1.3	.1									11.1	3.1	3.0
290-310	19.9	3.6	.1									23.6	3.2	3.0
320-340	7.8	1.6										9.3	3.1	3.0
VARIABLE														
CALM	////////////////////////////////////											42.8	////////////////////////////////	
TOTALS	47.3	9.6	.3									100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.4	.6	.1	.1	.0						2.2	4.6	4.0
020-040	.7	.1	.0								.7	2.8	2.0
050-070	.6	.1	.0								.6	2.8	2.0
(E) 080-100	.9	.1									1.0	2.7	2.0
110-130	1.6	.3	.0	.0							1.9	3.3	3.0
140-160	3.2	1.5	.1								4.8	4.1	4.0
(S) 170-190	1.4	.5	.1								1.9	3.6	3.0
200-220	.7	.1									.8	3.1	2.0
230-250	.9	.1	.0								1.0	3.0	2.0
(W) 260-280	4.1	2.6	.9	.0							7.6	5.0	4.0
290-310	10.0	13.4	9.3	.2							33.0	7.0	7.0
320-340	5.8	6.1	2.2	.1							14.2	5.8	5.0
VARIABLE													
CALM	////////////////////////////////////										30.0	////////	
TOTALS	31.3	25.5	12.7	.4							100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.2										1.4	2.8	2.0
020-040	.9											.9	2.4	2.0
050-070	.6											.6	1.9	2.0
(E) 080-100	.6											.6	2.0	2.0
110-130	1.9	.3										2.2	3.0	3.0
140-160	4.8	1.9										6.7	3.8	4.0
(S) 170-190	1.9	.6										2.6	3.4	3.0
200-220	.6											.6	1.9	1.5
230-250	.9	.1										1.0	2.5	2.0
(W) 260-280	4.8	1.5	.5									6.8	4.1	3.0
290-310	14.0	10.3	4.6									29.0	5.4	5.0
320-340	8.5	4.6	1.0									14.1	4.6	4.0
VARIABLE														
CALM	////////////////////											33.5	////	////
TOTALS	40.7	19.5	6.1									100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1250

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9											.9	2.3	2.0
020-040	.2											.2	1.5	1.5
050-070	.3											.3	1.7	2.0
(E) 080-100	.2	.1										.3	3.3	2.0
110-130														
140-160	1.8	.4										2.3	3.4	3.0
(S) 170-190	.9	.1										1.0	2.9	2.0
200-220	.2											.2	2.5	2.5
230-250	1.1											1.1	1.9	2.0
(W) 260-280	6.8	.2										7.0	2.3	2.0
290-310	13.7	.9										14.5	2.5	2.0
320-340	5.1											5.1	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											67.2	////////////////////////////////	
TOTALS	31.2	1.7										100.0	.8	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5											.5	2.0	2.0
020-040	.2											.2	2.0	2.0
050-070	.2											.2	2.0	2.0
(E) 080-100	.1											.1	2.0	2.0
110-130	.8	.1										.9	2.5	2.0
140-160	2.9	.8										3.7	3.6	3.0
(S) 170-190	.6	.2										.9	3.0	2.0
200-220	.6											.6	1.5	1.5
230-250	.3											.3	1.7	2.0
(W) 260-280	5.1	.2										5.3	2.6	2.0
290-310	9.2	.9										10.1	2.6	2.0
320-340	4.3	.2										4.5	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											72.7	////////////////////////////////	
TOTALS	24.8	2.4										100.0	.7	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7											1.7	2.5	2.0
020-040	1.3											1.3	1.8	2.0
050-070	1.4		.1									1.5	2.4	2.0
(E) 080-100	2.8	.1	.1									3.0	2.6	2.0
110-130	5.0	.4										5.4	2.5	2.0
140-160	6.8	1.1										7.9	2.9	2.0
(S) 170-190	2.9	.5										3.4	3.0	2.5
200-220	.5	.1										.6	3.0	2.0
230-250	.6	.1										.8	2.6	2.0
(W) 260-280	2.6	.1										2.7	2.4	2.0
290-310	3.0	.3										3.3	2.4	2.0
320-340	3.2	.3										3.6	2.3	2.0
.....														
VARIABLE														
CALM	////////////////////////////////////											64.8	////////	
TOTALS	31.8	3.0	.2									100.0	.9	2.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	2.3										7.1	3.6	4.0
020-040	4.2	.4										4.6	2.9	2.0
050-070	3.2	.5	.1									3.9	2.9	2.0
(E) 080-100	4.0	.3										4.3	2.6	2.0
110-130	5.5	1.8										7.3	3.3	2.5
140-160	4.3	2.2	.3									6.8	4.1	4.0
(S) 170-190	2.7	.9										3.5	3.7	4.0
200-220	1.5	.2										1.7	2.9	3.0
230-250	1.2	.4										1.6	3.6	3.0
(W) 260-280	4.2	3.1	.2									7.5	4.5	4.0
290-310	8.6	10.9	.6									20.1	5.1	5.0
320-340	8.9	7.5	.1									16.6	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											14.9	////////////////////////////////	
TOTALS	53.1	30.5	1.3									100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.1	.1									2.5	4.9	4.0
020-040	.8	.3										1.1	4.1	3.5
050-070	.5	.2			.1							.9	5.6	4.0
(E) 080-100	.2	.1	.1	.1								.5	7.6	6.0
110-130	.2	.5	.1	.1								1.0	7.1	7.0
140-160	.4	.9	.2									1.5	6.3	6.0
(S) 170-190	.3	.3		.1								.8	6.6	6.0
200-220	.4	.2										.6	4.2	3.5
230-250	.3	1.0										1.3	5.4	5.0
(W) 260-280	2.0	8.8	3.3									14.2	7.3	7.0
290-310	3.0	32.9	14.3									50.2	8.0	8.0
320-340	3.7	16.9	3.4									24.0	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////	
TOTALS	13.1	63.2	21.5	.3	.1							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.6	.1									1.0	6.9	7.0
020-040						.1						.1	26.0	25.0
050-070	.1	.1	.2									.4	9.0	9.0
(E) 080-100		.2	.1									.3	9.7	9.0
110-130	.5	.9			.1							1.5	6.3	6.0
140-160	.3	.5	.4									1.3	7.2	7.5
(S) 170-190		.4										.4	7.8	9.0
200-220	.1	.1										.2	3.5	3.5
230-250	.1	.1										.2	6.0	6.0
(W) 260-280	.2	3.9	4.0	.3								8.4	9.3	10.0
290-310	.5	20.6	45.3	1.2								67.6	10.2	10.0
320-340	.4	9.1	8.4	.5								18.4	9.1	9.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	2.4	36.5	58.5	2.0	.1	.1						100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.4										1.0	4.7	4.0
020-040	.1	.1										.2	3.5	3.5
050-070	.1											.1	2.0	2.0
(E) 080-100	.2											.2	4.0	4.0
110-130	.5	.2										.8	3.9	4.0
140-160	.6	1.0	.1									1.7	5.2	5.0
(S) 170-190	.4											.4	2.8	2.5
200-220	.5											.5	2.8	3.0
230-250	.8		.1									.9	3.5	3.0
(W) 260-280	4.2	3.6	.4									8.2	5.1	4.0
290-310	13.2	32.3	12.5	.2								58.1	7.0	7.0
320-340	8.7	10.2	3.5									22.4	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////////////////////////////	
TOTALS	29.8	47.8	16.6	.2								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.1										.9	2.8	2.0
020-040	.2											.2	2.5	2.5
050-070	.2											.2	1.5	1.5
(E) 080-100	.3											.3	2.7	2.0
110-130	.3	.2										.5	4.2	2.0
140-160	1.3	.8										2.0	4.0	4.0
(S) 170-190	1.1	.2										1.3	2.6	2.0
200-220	.8											.8	1.9	2.0
230-250	3.3	.2										.6	2.5	2.0
(W) 260-280	14.6	1.9										16.5	2.8	2.0
290-310	21.9	3.5										25.4	3.1	3.0
320-340	5.6	1.6										7.2	3.2	2.0
VARIABLE														
CALM	////////////////////////////////////											41.1	////////////////////////////////	
TOTALS	50.4	8.5										100.0	1.7	2.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.6	.0									1.9	3.8	4.0
020-040	.9	.1				.0						1.0	3.1	2.0
050-070	.8	.1	.1		.0							.9	3.4	2.0
(E) 080-100	1.0	.1	.0	.0								1.1	3.2	2.0
110-130	1.6	.5	.0	.0	.0							2.2	3.5	2.0
140-160	2.3	.9	.1									3.4	4.0	4.0
(S) 170-190	1.1	.3		.0								1.5	3.5	3.0
200-220	.6	.1										.7	2.8	2.0
230-250	1.0	.2	.0									1.2	3.2	2.0
(W) 260-280	5.0	2.7	1.0	.0								8.7	4.9	4.0
290-310	9.1	12.8	9.1	.2								31.2	7.0	7.0
320-340	5.0	5.7	1.9	.1								12.7	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											33.5	////////	
TOTALS	29.7	24.1	12.2	.3								100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 7431

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.4										1.6	3.1	2.0
020-040	.5											.5	2.3	2.0
050-070	.7											.7	2.3	2.5
(E) 080-100	1.3											1.3	2.3	3.0
110-130	.7	.4										1.1	4.3	4.0
140-160	6.5	1.8										8.3	3.7	4.0
(S) 170-190	2.0	.7										2.7	3.3	3.0
200-220	.7											.7	2.0	2.0
230-250	.9	.2										1.1	2.7	2.0
(W) 260-280	6.5	2.2	.5									9.2	3.8	3.0
290-310	10.6	7.2	3.1									20.9	5.3	4.0
320-340	6.1	3.4	1.1									10.6	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											41.3	////////	
TOTALS	37.8	16.3	4.7									100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 555

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5											1.5	2.3	2.0
020-040	.3											.3	2.3	2.0
050-070	.2	.1										.3	2.7	2.0
(E) 080-100	.4											.4	2.0	2.0
110-130	1.2											1.2	2.2	2.0
140-160	1.4		.1									1.5	3.1	2.5
(S) 170-190	1.2											1.2	2.5	2.0
200-220	.4	.1										.5	2.6	2.0
230-250	.8											.8	1.9	2.0
(W) 260-280	4.4											4.4	2.4	2.0
290-310	11.3	.9										12.2	2.7	2.0
320-340	8.0	.4										8.4	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											67.3	////////////////////////////////	
TOTALS	31.1	1.5	.1									100.0	.8	2.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 03-05

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.3	.1										1.4	2.5	2.0
020-040		.3											.3	1.3	1.0
050-070		.4											.4	2.8	2.5
(E) 080-100		.6											.6	1.7	1.5
110-130		.6	.3										1.0	3.4	3.0
140-160		2.3	.3										2.6	3.0	3.0
(S) 170-190		.8	.2										1.0	2.9	3.0
200-220		.6	.1										.8	2.1	2.0
230-250		1.0											1.0	2.3	2.0
(W) 260-280		2.8	.1										2.9	2.1	2.0
290-310		8.7	.2										8.9	2.6	2.0
320-340		4.3	.1										4.4	2.4	2.0
VARIABLE															
CALM		////////////////////											74.7	////////////////	
TOTALS		23.7	1.4										100.0	.6	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8											1.8	1.9	2.0
020-040	1.1	.1										1.2	1.9	2.0
050-070	2.2	.2										2.4	2.1	2.0
(E) 080-100	2.0											2.0	1.7	2.0
110-130	4.7	.3										5.1	2.3	2.0
140-160	5.4	1.3										6.7	3.0	2.0
(S) 170-190	2.7	.2										2.9	2.6	2.0
200-220	.6											.6	1.3	1.0
230-250	.5											.5	2.0	2.0
(W) 260-280	2.6											2.6	2.2	2.0
290-310	4.3	.2										4.5	2.6	2.0
320-340	4.3	.1										4.4	2.4	2.0
VARIABLE														
CALM	////////////////////											65.3	////////	
TOTALS	32.2	2.4										100.0	.8	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	1.2										6.7	3.1	3.0
020-040	3.8	.3	.1									4.2	2.7	2.0
050-070	4.4	.3	.1									4.8	2.6	2.0
(E) 080-100	2.9	.1	.1									3.1	2.6	2.0
110-130	5.1	1.3										6.3	3.0	2.0
140-160	5.7	1.6										7.3	3.5	3.0
(S) 170-190	4.2	.5										4.7	2.9	2.0
200-220	1.7	.1										1.8	2.9	2.0
230-250	1.3	.1										1.4	2.8	2.0
(W) 260-280	4.2	2.2										6.3	4.1	4.0
290-310	8.6	8.7	.4									17.7	4.9	5.0
320-340	10.1	6.8	.1									17.0	4.0	4.0
VARIABLE														
CALM	////////////////////											18.5	////////	
TOTALS	57.5	23.2	.8									100.0	3.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.7	.1									4.1	4.8	4.0
020-040	.4	.5										1.0	4.6	5.0
050-070	.1	.2										.3	4.7	6.0
(E) 080-100		.5	.1									.6	7.5	8.0
110-130	.5	.6										1.2	4.4	5.0
140-160	.4	.6	.2	.1								1.4	7.3	6.0
(S) 170-190	.5	.3	.1									1.0	5.1	4.0
200-220		.8										.8	7.9	8.0
230-250	.4	.4										.9	4.3	4.5
(W) 260-280	2.9	8.5	1.7									13.1	6.7	7.0
290-310	7.0	30.2	10.4									47.6	7.4	8.0
320-340	7.4	16.8	3.5									27.7	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	21.9	61.1	16.1	.1								100.0	6.8	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC
STATION NUMBER: 722860

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS
STATION NAME: MARCH AFB CA
LST TO UTC: + 8
PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	.1										.3	4.7	4.0
020-040		.1										.1	6.0	6.0
050-070	.1	.1										.2	5.0	5.0
(E) 080-100	.1	.1										.2	4.5	4.5
110-130	.2	.4										.6	5.8	6.5
140-160	.1	.2	.6	.1								1.1	10.1	10.0
(S) 170-190		.2	.2									.4	9.5	9.0
200-220		.1	.1									.2	9.0	9.0
230-250		.2	.1									.3	7.3	5.0
(W) 260-280	.4	3.5	2.2									6.1	8.0	9.0
290-310	1.9	23.3	40.1	1.1								66.5	9.8	10.0
320-340	3.3	13.0	7.2	.1								23.7	7.7	8.0
VARIABLE														
CALM	////////////////////											.2	////////	
TOTALS	6.3	41.3	50.5	1.3								100.0	9.1	10.0
TOTAL NUMBER OF OBSERVATIONS 930														

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.8										1.1	5.6	5.5
020-040	.1											.1	4.0	4.0
050-070	.2	.1										.3	4.3	4.0
(E) 080-100	.2											.2	1.5	1.5
110-130	.2	.5	.1									.9	6.5	7.0
140-160	.6	.9	.1									1.6	5.1	5.0
(S) 170-190	.8											.8	2.6	2.0
200-220	.3											.3	2.0	2.0
230-250	.8	.3										1.1	3.1	3.0
(W) 260-280	4.1	2.0	.1									6.2	4.3	4.0
290-310	18.7	28.2	6.8									53.7	6.0	6.0
320-340	10.4	12.9	1.6									24.9	5.4	5.0
VARIABLE														
CALM	////////////////////											8.8	////////	
TOTALS	36.7	45.7	8.7									100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6											.6	1.7	2.0
020-040	.1	.1										.2	3.5	3.5
050-070	.4	.1										.5	3.0	2.0
(E) 080-100	.2											.2	3.0	3.0
110-130	1.2	.2	.1									1.5	3.8	3.0
140-160	2.7	.6										3.3	3.0	3.0
(S) 170-190	1.1											1.1	2.6	2.0
200-220	.1											.1	3.0	3.0
230-250	2.2	.2										2.4	2.6	2.0
(W) 260-280	9.2	1.5										10.8	2.9	2.0
290-310	20.0	3.0										23.0	3.1	3.0
320-340	8.6	.9										9.5	2.9	2.0
VARIABLE														
CALM	////////////////////											46.8	////////	
TOTALS	46.4	6.6	.1									100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 930

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MAPCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.5	.0									2.2	3.4	3.0
020-040	.8	.1	.0									.9	2.8	2.0
050-070	1.0	.1	.0									1.2	2.7	2.0
(E) 080-100	.8	.1	.0									.9	2.7	2.0
110-130	1.7	.5	.0									2.2	3.2	2.0
140-160	2.3	.7	.1	.0								3.2	3.8	3.0
(S) 170-190	1.4	.2	.0									1.6	3.1	3.0
200-220	.5	.1	.0									.6	3.5	2.0
230-250	.9	.2	.0									1.0	2.9	2.0
(W) 260-280	3.8	2.2	.5									6.6	4.7	4.0
290-310	10.1	11.8	7.2	.1								29.3	6.6	7.0
320-340	7.1	6.4	1.6	.0								15.0	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											35.2	////////////////////////////////	
TOTALS	32.1	22.9	9.4	.1								100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.3											3.3	1.9	2.0
020-040	1.2											1.2	2.0	2.0
050-070	1.2											1.2	2.0	2.0
(E) 080-100	.9											.9	1.8	2.0
110-130	3.1	.2										3.3	2.4	2.0
140-160	3.9	1.5	.2									5.7	3.8	3.0
(S) 170-190	2.4											2.4	2.3	2.0
200-220	.9											.9	1.6	2.0
230-250	.7											.7	2.3	2.0
(W) 260-280	4.6	1.0	.3									6.0	3.4	2.0
290-310	13.0	5.8	1.5									20.4	4.5	4.0
320-340	11.3	3.8										15.1	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											39.2	////////	
TOTALS	46.5	12.3	2.0									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 584

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.1										.8	2.4	2.0
020-040	.3											.3	1.7	1.0
050-070	.7											.7	1.7	2.0
(E) 080-100	.3		.2									.6	6.4	2.0
110-130	1.3	.4										1.8	3.9	3.0
140-160	2.9	2.2										5.1	4.6	4.0
(S) 170-190	.9	.1										1.0	2.8	3.0
200-220	.7											.7	2.2	2.0
230-250	.8											.8	2.0	2.0
(W) 260-280	3.2											3.2	2.2	2.0
290-310	7.6	.7										8.2	2.6	2.0
320-340	4.6	.9										5.4	2.9	2.0

VARIABLE														
CALM	////////////////////////////////////											71.4	////////////////////////////////	
TOTALS	24.0	4.4	.2									100.0	.9	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.1										.4	3.3	3.0
020-040	.6											.6	1.8	1.0
050-070	1.0											1.0	2.2	2.0
(E) 080-100	.7											.7	2.5	2.0
110-130	1.7	.2										1.9	3.1	3.0
140-160	3.1	1.9										5.0	4.2	4.0
(S) 170-190	1.2	.6										1.8	3.3	3.3
200-220	.7											.7	2.7	2.5
230-250	.9											.9	2.0	2.0
(W) 260-280	3.3											3.3	2.0	2.0
290-310	5.9	.4										6.3	2.6	2.0
320-340	4.8	.9										5.7	2.9	2.0
VARIABLE														
CALM	////////////////////////////////////											71.8	////////////////////////////////	
TOTALS	24.2	4.1										100.0	.8	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.1										.8	2.9	2.0
020-040	.9	.1										1.0	2.9	3.0
050-070	1.2											1.2	2.1	2.0
(E) 080-100	1.8	.1	.3									2.2	3.8	2.0
110-130	5.1	1.2										6.3	3.1	3.0
140-160	6.3	2.1	.2									8.7	3.6	3.0
(S) 170-190	4.3	.7										5.0	2.8	2.0
200-220	.8											.8	1.6	1.0
230-250	.9											.9	1.4	1.0
(W) 260-280	.8											.8	3.1	4.0
290-310	3.2	1.2										4.4	3.3	3.0
320-340	2.3	.2										2.6	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											65.3	////////////////////////////////	
TOTALS	28.3	5.7	.5									100.0	1.1	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	1.2										4.8	3.2	3.0
020-040	3.2	.3	.1									3.7	2.8	2.0
050-070	3.4		.3									3.8	3.1	2.0
(E) 080-100	7.3	.6	.9									8.8	3.6	2.0
110-130	6.8	1.7	.3									8.8	3.6	3.0
140-160	9.1	4.1	.3									13.6	3.9	3.0
(S) 170-190	3.2	1.7	.2									5.1	4.3	4.0
200-220	1.7	.6										2.2	3.3	2.0
230-250	2.2		.1									2.3	2.5	2.0
(W) 260-280	2.2	1.0										3.2	3.7	3.0
290-310	5.2	5.4	.2									10.9	4.7	5.0
320-340	7.8	2.7	.1									10.6	3.7	3.0
VARIABLE														
CALM	////////////////////											22.3	////////	
TOTALS	55.7	19.3	2.5									100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	1.4										4.6	3.9	4.0
020-040	.9	.3	.1									1.3	5.0	4.0
050-070	1.2	.4	.1		.1							1.9	5.4	4.0
(E) 080-100	.9	1.3	.4	.2								2.9	7.0	6.5
110-130	1.8	1.0	.2	.1								3.1	5.5	4.0
140-160	1.4	1.7	.3									3.4	5.7	5.0
(S) 170-190	.8	1.0	.3	.1								2.2	7.0	8.0
200-220	.4	.4	.3									1.2	5.6	5.0
230-250	2.2	.9	.1									3.2	3.9	4.0
(W) 260-280	3.3	7.6	1.6									12.4	6.3	6.0
290-310	7.9	23.7	5.2									36.8	6.6	6.0
320-340	7.3	15.6	1.3									24.2	5.7	6.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////	
TOTALS	31.2	55.3	9.9	.4	.1							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.7	.2									1.3	6.1	5.5
020-040	.4	.1	.2									.8	6.1	4.0
050-070	.2	.3	.2									.8	7.4	7.0
(E) 080-100	.3	.3	.4	.1								1.2	8.0	6.0
110-130	.9	.4	.1									1.4	4.3	4.0
140-160	1.1	.7	.4	.1								2.3	6.2	5.0
(S) 170-190	.3	.7	.1	.1								1.2	7.4	6.0
200-220	.1	.3	.1									.6	7.4	9.0
230-250	.7	.3	.6									1.6	6.4	5.5
(W) 260-280	1.2	7.7	3.0									11.9	7.7	8.0
290-310	3.0	28.6	21.0	.3								52.9	8.7	9.0
320-340	4.2	14.7	4.2	.1								23.2	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	12.8	54.8	30.5	.7								100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.6										1.9	3.8	4.0
020-040	.4	.1										.6	2.8	2.0
050-070		.1	.1									.2	9.0	9.0
(E) 080-100	.6	.2	.3									1.1	6.1	5.5
110-130	.7	.6	.2									1.4	5.8	5.0
140-160	1.6	1.6	.2									3.3	5.0	5.0
(S) 170-190	1.8	.8										2.6	3.7	3.0
200-220	.8	.2										1.0	3.1	2.0
230-250	1.0	.1										1.1	2.9	3.0
(W) 260-280	6.2	1.4	.1									7.8	3.3	3.0
290-310	20.6	21.2	1.2									43.0	4.9	5.0
320-340	11.4	7.2	.1									18.8	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											17.2	////////////////////////////////	
TOTALS	46.4	34.1	2.2									100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3											1.3	2.0	2.0
020-040	1.1											1.1	1.9	2.0
050-070	1.1											1.1	2.0	2.0
(E) 080-100	.2	.2										.4	4.5	4.5
110-130	2.1	.7										2.8	3.5	4.0
140-160	4.0	1.9	.1									6.0	4.1	4.0
(S) 170-190	1.7	.2										1.9	2.7	2.0
200-220	1.3											1.3	2.3	2.0
230-250	1.7											1.7	2.3	2.0
(W) 260-280	5.4	.2										5.7	2.3	2.0
290-310	11.2	1.0										12.2	2.7	2.0
320-340	5.9	1.1										7.0	3.0	2.0
VARIABLE														
CALM	////////////////////											57.4	////////	
TOTALS	37.0	5.3	.1									100.0	1.2	2.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.5	.0									2.0	3.6	3.0
020-040	1.0	.1	.1									1.2	3.2	2.0
050-070	1.1	.1	.1		.0							1.3	3.6	2.0
(E) 080-100	1.5	.3	.3	.0								2.2	4.7	3.0
110-130	2.5	.8	.1	.0								3.4	3.8	3.0
140-160	3.7	2.0	.2	.0								5.9	4.3	4.0
(S) 170-190	1.8	.7	.1	.0								2.6	4.0	3.0
200-220	.8	.2	.1									1.1	3.4	2.0
230-250	1.3	.2	.1									1.6	3.2	2.0
(W) 260-280	3.2	2.2	.6									6.0	4.9	4.0
290-310	8.1	10.3	3.5	.0								21.8	6.0	6.0
320-340	6.0	5.4	.7	.0								12.2	4.9	5.0
VARIABLE														
CALM	////////////////////											38.6	////////	
TOTALS	32.4	22.8	5.9									100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.4	.4									1.7	2.6	2.0
020-040	1.2										1.2	2.0	2.0
050-070	1.1										1.1	2.3	2.0
(E) 080-100	1.5										1.5	2.3	2.0
110-130	1.5	.5	.1								2.1	4.3	3.0
140-160	4.0	2.2	.2								6.5	4.2	4.0
(S) 170-190	3.1	.4									3.5	2.8	2.0
200-220	1.0										1.0	2.0	2.0
230-250	1.2										1.2	1.7	2.0
(W) 260-280	2.4	1.5									3.9	3.9	3.0
290-310	10.1	8.0	1.2								19.3	4.9	4.0
320-340	6.7	5.7	.5								12.9	4.5	4.0
VARIABLE													
CALM	////////////////////										44.0	////////	
TOTALS	35.2	18.7	2.0								100.0	2.3	3.5

TOTAL NUMBER OF OBSERVATIONS 804

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.4	.1									1.6	4.3	4.0
020-040	1.2	.4	.1									1.7	4.2	3.5
050-070	.8			.1		.1						1.0	6.3	2.0
(E) 080-110	.9	.1										1.0	3.1	3.0
110-130	1.6	.2										1.8	2.6	2.0
140-160	3.4	1.3										4.7	3.5	3.0
(S) 170-190	1.8	.2	.1									2.2	3.4	3.0
200-220	1.1	.1										1.2	2.4	2.0
230-250	.6											.6	2.5	2.0
(W) 260-280	1.8											1.8	2.2	2.0
290-310	6.0	.6	.1									6.8	2.8	2.0
320-340	4.8	.8	.1									5.7	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											69.9	////////	
TOTALS	25.1	4.1	.5	.1		.1						100.0	1.0	2.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.4	.2	.1								1.8	5.2	3.0
020-040	1.6	.6		.1								2.4	4.1	4.0
050-070	1.1	.1	.1		.1							1.4	4.8	2.0
(E) 080-100	.5											.5	2.0	2.0
110-130	1.6	.2										1.8	2.5	2.0
140-160	2.0	.4										2.5	2.9	2.0
(S) 170-190	1.3	.3										1.6	3.5	3.0
200-220	1.2											1.2	2.1	2.0
230-250	1.1											1.1	2.3	2.0
(W) 260-280	1.6	.2										1.8	2.7	2.0
290-310	3.5	.3										3.9	3.0	3.0
320-340	3.0	.1	.1	.1								3.3	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											76.7	////////////////////////////////	
TOTALS	19.6	2.6	.4	.3	.1							100.0	.8	2.0

TOTAL NUMBER OF OBSERVATIONS 930

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.5	.8									2.4	6.0	6.0
020-040	1.5	.3	.3									2.2	3.8	2.0
050-070	1.3	.1		.2								1.6	4.9	4.0
(E) 080-100	1.5	.2	.1									1.8	3.5	2.0
110-130	3.7	1.0										4.7	3.3	3.0
140-160	4.7	1.4	.1									6.2	3.2	2.0
(S) 170-190	3.3	.6										4.0	3.1	3.0
200-220	1.6	.1										1.7	2.2	2.0
230-250	1.1											1.1	1.7	2.0
(W) 260-280	1.4	.1										1.5	2.0	1.5
290-310	3.2	.3										3.5	2.5	2.0
320-340	1.9	.8	.1									2.8	3.7	3.5
VARIABLE														
CALM	////////////////////											66.6	////////	
TOTALS	26.3	5.4	1.4	.2								100.0	1.1	2.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	1.0	.4	.1								5.6	4.0	2.5
020-040	2.7	1.0	.4									4.1	4.0	2.0
050-070	2.7	.8	.6	.3								4.4	5.4	3.0
(E) 080-100	3.0	.9	1.0	.2								5.1	5.3	3.0
110-130	8.2	1.5	.1									9.8	3.1	2.0
140-160	9.1	2.7	.3									12.2	3.6	3.0
(S) 170-190	5.4	.8	.2									6.3	3.1	2.0
200-220	.9	.4										1.3	4.1	3.0
230-250	1.1	.1										1.2	2.4	2.0
(W) 260-280	1.6	.5	.3									2.5	4.4	4.0
290-310	3.9	2.3	.6									6.8	4.8	4.0
320-340	6.6	2.8	.3	.1	.2							10.0	4.6	4.0
VARIABLE														
CALM	////////////////////											30.9	////////	
TOTALS	49.3	14.8	4.2	.7	.2							100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	2.3	.2	.1	.1							6.5	5.0	4.0
020-040	2.3	.4	.4	.1								3.2	4.7	3.0
050-070	1.5	.9	.9	.8								4.0	7.9	6.0
(E) 080-100	1.3	1.5	.8	.3								3.9	7.2	6.0
110-130	1.1	1.1	.3									2.5	5.7	5.0
140-160	2.3	1.9	.2									4.4	4.8	4.0
(S) 170-190	1.4	.6	.4	.1								2.6	5.7	4.0
200-220	1.4	.5										1.9	4.0	4.0
230-250	1.2	.8	.1									2.0	4.6	4.0
(W) 260-280	3.3	4.2	.5	.1								8.2	5.6	5.0
290-310	6.7	20.1	4.0	.1								30.9	6.5	6.0
320-340	8.8	9.0	2.3	.5	.4	.1						21.2	6.1	5.0
VARIABLE														
CALM	////////////////////											8.8	////////	
TOTALS	35.1	43.3	10.1	2.1	.5	.1						100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.4	.8	.1	.1							3.4	7.3	7.0
020-040	.5	.5	.1									1.2	4.5	5.0
050-070	1.0	1.3	1.0	.1								3.3	7.5	7.0
(E) 080-100	.3	1.7	.5	.3								2.9	8.7	8.0
110-130	.3	.2	.2									.8	6.4	5.0
140-160	.6	.5	.3									1.5	6.6	7.0
(S) 170-190	.3	.8	.8									1.8	7.5	7.0
200-220	.1	.8	.2									1.1	7.3	7.5
230-250	.1	.2										.3	4.7	5.0
(W) 260-280	2.7	6.1	2.3									11.1	6.7	6.0
290-310	10.0	30.8	8.5	.6								49.9	6.9	7.0
320-340	6.0	8.4	3.4	.2	.2							18.3	6.6	6.0
VARIABLE														
CALM	////////////////////											4.4	////	////
TOTALS	23.0	52.7	18.1	1.3	.3							100.0	6.6	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.6	.2									4.4	4.3	4.0
020-040	.9	.3										1.2	4.0	4.0
050-070	.5	.2	.4	.1								1.3	7.5	6.0
(E) 080-100	1.0	1.0	.1									2.0	5.4	6.0
110-130	1.0	.9	.1									1.9	4.7	4.5
140-160	3.1	1.6	.2									4.9	4.2	4.0
(S) 170-190	2.2	.4										2.6	3.5	3.0
200-220	1.2	.1										1.3	2.8	3.0
230-250	1.7	.2										1.9	2.7	2.0
(W) 260-280	6.3	1.2	.1									7.6	3.2	3.0
290-310	17.1	7.6	.4	.1								25.3	3.9	4.0
320-340	11.5	3.7	.9									16.0	4.0	4.0
VARIABLE														
CALM	////////////////////											29.5	////////	
TOTALS	49.1	18.8	2.4	.2								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	.3	.1									1.8	3.9	3.0
020-040	1.6	.3	.1									2.0	3.6	4.0
050-070	1.1	.4	.1	.1								1.7	5.1	4.0
(E) 080-100	.6											.6	2.5	2.0
110-130	2.0	.9										2.9	4.1	4.0
140-160	3.5	1.9										5.5	4.5	4.0
(S) 170-190	1.8											1.8	2.5	2.0
200-220	1.1	.1										1.2	2.3	2.0
230-250	1.4											1.4	2.5	2.0
(W) 260-280	4.1	.1										4.2	2.5	2.0
290-310	7.8	1.1	.1									9.0	2.8	2.0
320-340	4.4	1.3										5.7	3.1	3.0
VARIABLE														
CALM	////////////////////											62.0	////////	
TOTALS	30.8	6.4	.4	.1								100.0	1.2	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.0	.3	.1	.0							3.4	5.0	4.0
020-040	1.5	.5	.2	.0								2.2	4.1	3.0
050-070	1.2	.5	.4	.2	.0	.0						2.3	6.4	4.0
(E) 080-100	1.1	.7	.3	.1								2.2	5.8	4.0
110-130	2.4	.7	.1									3.3	3.6	3.0
140-160	3.6	1.5	.1									5.2	3.9	3.5
(S) 170-190	2.2	.5	.2	.0								2.9	3.8	3.0
200-220	1.1	.3	.0									1.4	3.3	3.0
230-250	1.0	.2	.0									1.2	2.9	2.0
(W) 260-280	2.9	1.6	.4	.0								4.8	4.6	4.0
290-310	7.3	7.9	1.7	.1								17.0	5.4	5.0
320-340	5.9	3.3	.9	.1	.1	.0						10.4	5.0	4.0
VARIABLE														
CALM	////////////////////											43.6	////////	
TOTALS	32.2	18.7	4.6	.6	.1							100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.2			.1							1.6	3.3	2.0
020-040	1.1											1.1	2.1	2.0
050-070	.6	.1										.7	2.3	2.0
(E) 080-100	.6	.1	.1									.8	3.4	2.0
110-130	1.8											1.8	2.2	2.0
140-160	2.5	1.0	.1									3.6	3.5	3.0
(S) 170-190	1.8	.2										2.0	3.1	3.0
200-220	.9	.1										1.0	2.1	2.0
230-250	.7	.1										.8	3.1	2.0
(W) 260-280	3.5	1.6	.4									5.5	4.0	3.0
290-310	11.5	9.5	1.6									22.6	4.9	4.0
320-340	6.5	3.3	.4									10.2	4.2	4.0
VARIABLE														
CALM	////////////////////											48.4	////////	
TOTALS	32.8	16.2	2.6		.1							100.0	2.1	4.0

TOTAL NUMBER OF OBSERVATIONS 1421

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.8	.2	.1								3.2	4.8	4.0
020-040	1.8	1.9	.6									4.2	5.3	5.0
050-070	.8	1.2	.2	.1								2.3	5.7	5.0
(E) 080-100	1.3	.2										1.6	3.4	3.5
110-130	1.8	.9	.1	.1								2.9	5.0	4.0
140-160	4.3	1.9	.3	.1								6.7	4.3	4.0
(S) 170-190	1.2	.2										1.4	3.1	2.0
200-220	1.1	.1										1.2	2.5	2.0
230-250	2.0											2.0	2.1	2.0
(W) 260-280	1.9	.3	.1	.1								2.4	4.0	2.0
290-310	4.2	.3	.1									4.7	3.0	2.5
320-340	4.2	1.2	.2									5.7	3.6	3.0
VARIABLE														
CALM	////////////////////											61.7	////////	
TOTALS	26.7	9.0	1.8	.5								100.0	1.6	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.6	1.4	.6	.2								4.8	5.3	4.0
020-040	1.9	.9	.2									3.0	4.4	4.0
050-070	2.0	.4	.1									2.6	3.3	2.0
(E) 080-100	1.3											1.3	2.4	2.0
110-130	2.4	.9	.4									3.8	4.4	3.0
140-160	2.9	1.3	.2	.1								4.6	4.1	3.0
(S) 170-190	2.0	.1	.1	.1								2.3	3.8	3.0
200-220	1.1											1.1	1.7	1.5
230-250	1.4											1.4	1.8	2.0
(W) 260-280	2.7	.4										3.1	2.5	2.0
290-310	3.2	.1	.1									3.4	2.5	2.0
320-340	2.9	.8	.1	.3		.1						4.2	5.3	3.0
VARIABLE														
CALM	////////////////////////////////////											64.3	////////////////////////////////	
TOTALS	26.4	6.3	1.8	.7		.1						100.0	1.4	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.4	.8	.1	.1							4.7	5.8	5.0
020-040	2.2	1.0	.6									3.8	4.9	4.0
050-070	2.1	.3										2.4	2.6	2.0
(E) 080-100	2.0											2.0	1.8	2.0
110-130	3.7	1.0	.6									5.2	4.0	3.0
140-160	5.4	1.0	.1									6.6	3.2	2.0
(S) 170-190	2.2	.1	.2									2.6	3.2	2.0
200-220	1.0	.1	.1	.1								1.3	4.8	2.0
230-250	.9											.9	2.3	2.0
(W) 260-280	1.8	.1	.2	.1								2.2	4.0	2.0
290-310	2.2	.7	.2									3.1	3.6	3.0
320-340	2.0	.9	.1	.1	.2							3.3	5.4	3.0
VARIABLE														
CALM	////////////////////////////////////											61.9	////////	
TOTALS	27.7	6.6	2.9	.4	.3							100.0	1.5	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	1.0	.9	.2	.7	.1						6.0	7.6	4.0
020-040	2.6	1.1	.2									3.9	3.9	3.0
050-070	3.0	1.6	1.3	.3	.1							6.3	6.4	5.0
(E) 080-100	4.6	1.6	.7									6.8	4.4	4.0
110-130	10.3	3.0	.3	.1								13.8	3.6	3.0
140-160	9.9	4.1	.3	.1								14.4	3.9	3.5
(S) 170-190	4.2	.9	.3									5.4	3.5	3.0
200-220	.6	.1										.7	3.0	2.5
230-250	.8	.7	.2		.1							1.8	6.1	5.0
(W) 260-280	1.3	.6		.1		.1						2.1	5.3	3.0
290-310	2.1	1.3	.2	.1								3.8	4.6	4.0
320-340	2.4	1.3	.6	.7	.3	.1						5.4	7.9	5.0
VARIABLE														
CALM	////////////////////////////////////											29.6	////////////////////////////////	
TOTALS	44.9	17.3	5.0	1.6	1.2	.3						100.0	3.4	3.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(M) 350-010	3.2	2.0	.7	.4	.2							6.6	6.4	5.0
020-040	3.2	1.6	.7									5.4	4.5	3.0
050-070	3.2	2.3	1.9	.2								7.7	6.5	6.0
(E) 080-100	2.3	1.3	.8									4.4	5.1	4.0
110-130	2.4	1.1										3.6	4.0	4.0
140-160	3.2	2.0	.4	.4								6.1	5.6	4.0
(S) 170-190	2.3	1.7	.6									4.6	5.1	4.0
200-220	.9	.8	.2									1.9	4.9	5.0
230-250	1.0	.4	.1		.3							1.9	7.4	4.0
(W) 260-280	2.7	2.9	.8									6.3	5.7	6.0
290-310	8.6	10.7	.9									20.1	5.2	5.0
320-340	7.8	8.4	1.4	1.6	.6							19.8	6.7	5.0
VARIABLE														
CALM	////////////////////											11.7	////////	
TOTALS	40.8	35.2	8.5	2.6	1.1							100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.1	.6	.7								4.4	7.0	5.5
020-040	1.2	2.4	.4									4.1	5.5	5.0
050-070	1.8	2.9	1.4									6.1	6.8	6.0
(E) 080-100	.8	1.2	.4									2.4	6.7	6.0
110-130	1.0	.7	.4									2.1	5.6	5.0
140-160	1.3	1.9	.2									3.4	5.1	5.0
(S) 170-190	.8	1.2	.3	.1								2.4	6.5	5.0
200-220	.6	.8										1.3	5.9	6.0
230-250	.4	.3	.1	.1	.2							1.2	9.2	5.0
(W) 260-280	4.8	4.6	.9	.1								10.3	5.3	5.0
290-310	15.8	17.7	1.9									35.3	5.3	5.0
320-340	8.2	8.8	2.0	.6	.2							19.8	5.9	5.0
VARIABLE														
CALM	////////////////////											6.9	////////////////	
TOTALS	38.8	43.6	8.6	1.6	.4							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	1.6	.6	.2		.1						6.6	5.2	4.0
020-040	3.7	1.7	.6									5.9	4.5	4.0
050-070	2.0	.6	.8	.2								3.6	6.3	4.0
(E) 080-100	1.3	.2	.1									1.7	3.7	3.0
110-130	1.8	1.4	.2									3.4	4.5	4.0
140-160	3.3	1.9	.6	.1								5.9	5.2	4.0
(S) 170-190	2.2	.6										2.8	3.2	2.0
200-220	1.6	.1	.1									1.8	3.1	2.0
230-250	1.6	.4	.1	.3								2.4	5.4	3.0
(W) 260-280	5.0	1.3										6.3	3.4	3.0
290-310	11.8	3.9	.1									15.8	3.5	3.0
320-340	10.4	3.1	.3									13.9	3.6	3.0
VARIABLE														
CALM	////////////////////											30.0	////////	
TOTALS	48.8	16.8	3.5	.8		.1						100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	.9	.2									4.1	3.8	4.0
020-040	2.7	.8	.4									3.9	4.4	3.0
050-070	2.3	1.3	.4									4.1	4.6	4.0
(E) 080-100	1.2	.6	.2									2.0	4.7	3.0
110-130	2.4	1.9	.2									4.6	4.8	4.0
140-160	3.4	2.1	.4	.1								6.1	5.0	4.0
(S) 170-190	2.1	.6										2.7	2.9	2.0
200-220	2.3	.1										2.4	2.1	2.0
230-250	1.0	.1		.1								1.2	4.5	3.0
(W) 260-280	4.9	.6										5.5	2.9	2.0
290-310	5.1	.8	.1									6.0	3.0	2.0
320-340	4.8	.9										5.7	2.9	2.0
VARIABLE														
CALM	////////////////////											51.8	////////////////	
TOTALS	35.2	10.7	1.9	.2								100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.3	.6	.3	.1	.0						5.0	5.9	4.0
020-040	2.4	1.4	.5									4.3	4.7	4.0
050-070	2.2	1.3	.8	.1	.0							4.4	5.7	5.0
(E) 080-100	1.9	.6	.3									2.8	4.3	3.0
110-130	3.2	1.4	.3	.0								4.9	4.2	3.0
140-160	4.2	2.0	.3	.1								6.7	4.4	4.0
(S) 170-190	2.1	.7	.2	.0								3.0	4.0	3.0
200-220	1.1	.3	.1	.0								1.5	3.5	2.0
230-250	1.1	.3	.1	.1	.1							1.6	4.9	3.0
(W) 260-280	3.1	1.3	.3	.1		.0						4.8	4.3	4.0
290-310	6.6	4.4	.5	.0								11.5	4.5	4.0
320-340	5.3	3.2	.6	.4	.2	.0						9.7	5.4	4.0
VARIABLE														
CALM	////////////////////											39.7	////////	
TOTALS	36.0	18.2	4.6	1.1	.4							100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.2										1.8	2.7	2.0
020-040	1.3	.2										1.5	2.9	3.0
050-070	1.9	.3										2.2	2.5	2.0
(E) 080-100	1.3	.1										1.4	2.9	3.0
110-130	3.7	1.7	.8	.1								6.4	4.9	4.0
140-160	5.2	3.3	.4	.5								9.5	5.1	4.0
(S) 170-190	1.9	.4										2.3	2.7	2.0
200-220	1.3	.1										1.4	2.1	2.0
230-250	1.0	.2										1.2	3.1	2.0
(W) 260-280	3.6	.7	.3	.2								4.8	4.4	4.0
290-310	7.5	5.4										12.9	4.4	4.0
320-340	4.8	4.4										9.3	4.2	4.0
VARIABLE														
CALM	////////////////////											45.2	////////	
TOTALS	35.1	17.0	1.5	.8								100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 991

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.6	.4	.3	.3	.1						4.2	7.0	3.0
020-040	1.7	.6	.3									2.7	4.6	3.0
050-070	.6	.6	.3				.1					1.7	7.3	6.0
(E) 080-100	.8	.2	.8									1.7	7.0	7.0
110-130	1.5	.8	.3									2.6	5.0	4.0
140-160	2.6	1.8	.1									4.5	4.2	4.0
(S) 170-190	2.0	.1		.1	.1							2.4	4.0	2.0
200-220	1.6											1.6	1.7	2.0
230-250	1.8	.1	.3									2.3	4.0	2.0
(W) 260-280	1.7	.5	.2									2.5	3.8	3.0
290-310	4.1	.3	.1									4.5	2.6	2.0
320-340	3.5	.2	1.0	.1	.4							5.3	4.3	4.0
VARIABLE														
CALM	////////////////////											64.1	////////	
TOTALS	24.3	5.8	3.8	.5	.8	.1	.1					100.0	1.7	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.6	.4	1.0	.9	.3	.1						4.3	9.6	10.0
020-040	2.0	.9	.4									3.3	4.6	3.0
050-070	1.7	.4	.3	.1								2.6	4.8	3.0
(E) 080-100	1.3	.8	.3	.3								2.7	6.4	5.0
110-130	1.4	.6	.2									2.3	4.7	4.0
140-160	2.5	.8	.3									3.5	4.0	3.0
(S) 170-190	1.8											1.8	2.4	1.0
200-220	1.3											1.3	2.1	2.0
230-250	2.0											2.0	2.5	2.0
(W) 260-280	1.5	.1	.1	.1								1.8	3.8	2.0
290-310	2.8	.5	.1									3.4	2.8	2.0
320-340	3.1	1.2	.5	.1	.2							5.2	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											65.7	////////////////////////////////	
TOTALS	23.0	5.7	3.2	1.5	.5	.1						100.0	1.7	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.7	.6	.9	.4		.4	.1					4.2	9.5	8.0
020-040	1.5	1.2	.2									2.9	4.7	4.0
050-070	1.1	.8	.8									2.6	6.4	6.0
(E) 080-100	1.8	.8	.6	.1								3.3	5.7	4.0
110-130	2.9	1.5	.1									4.5	4.0	4.1
140-160	4.0	1.3										5.3	3.6	3.0
(S) 170-190	1.5		.2									1.7	3.4	2.0
200-220	.9											.9	3.0	3.5
230-250	1.5	.3										1.8	2.7	2.0
(W) 260-280	1.8											1.8	2.0	2.0
290-310	1.8	.8	.1									2.7	3.8	2.0
320-340	3.0	1.0	.9	.6	.1							5.6	6.4	4.0
VARIABLE														
CALM	////////////////////////////////////											62.7	////////////////////////////////	
TOTALS	23.5	8.3	3.8	1.1	.1	.4	.1					100.0	1.9	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECCRD: AUG 79 - JUL 89
MONTH: DEC HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.6	1.6	.6	.5	.8	.3	.1					5.6	10.5	3.0
020-040	2.4	1.0	1.1	.1	.1							4.6	6.3	4.0
050-070	2.4	1.3	1.5	.4								5.6	6.9	5.5
(E) 080-100	3.0	1.0	1.0	.2	.1							5.3	5.7	4.0
110-130	8.0	2.4										10.3	3.1	2.0
140-160	11.7	4.8	.8									17.3	3.9	3.0
(S) 170-190	4.1	.5	.1									4.7	3.0	2.0
200-220	1.4											1.4	2.0	2.0
230-250	.4											.4	2.0	1.5
(W) 260-280	.5	.3	.3	.1								1.3	6.9	5.0
290-310	1.3	.9	.2									2.4	4.4	4.0
320-340	1.6	1.9	.5	.5	.3							4.9	7.9	5.0
VARIABLE														
CALM	////////////////////											36.1	////////	
TOTALS	38.4	15.7	6.1	1.8	1.3	.3	.1					100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	3.0	.8	.6	.5	.1						9.8	6.7	5.0
020-040	2.8	1.6	1.2	.1								5.7	5.5	5.0
050-070	3.2	2.4	1.7	.3								7.6	6.5	6.0
(E) 080-100	4.2	2.7	1.8	.3								9.0	6.1	5.0
110-130	4.3	2.2	.2									6.7	3.8	3.5
140-160	3.3	2.5	1.3	.1								7.2	5.7	5.0
(S) 170-190	2.3	1.7	.9									4.8	5.7	5.0
200-220	1.3		.1									1.4	2.8	2.0
230-250	.8	.6	.1									1.5	5.0	5.0
(W) 260-280	1.7	1.0	.3	.3								3.3	5.7	4.0
290-310	4.5	5.3	.6	.1								10.5	5.1	5.0
320-340	7.7	4.8	1.3	.4	.9							15.2	6.2	4.0
VARIABLE														
CALM	////////////////////											17.2	////////	
TOTALS	40.8	27.8	10.3	2.2	1.4	.1						100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.4	.5	.4	.4		.2					6.6	8.0	5.0
020-040	2.2	3.4	.4									6.0	5.4	5.0
050-070	3.2	4.8	1.0	.2	.2							9.5	6.4	6.0
(E) 080-100	1.7	1.7	1.0	.1								4.5	6.6	6.0
110-130	1.2	1.0	.2									2.4	5.0	4.5
140-160	.5	2.5	.9									3.9	6.9	7.0
(S) 170-190	.9	.6	.1	.2								1.8	6.1	5.0
200-220	.4	.4	.2									1.1	6.2	6.0
230-250	.6	.2	.3									1.2	5.0	4.0
(W) 260-280	5.2	1.7	.4	.2								7.5	4.6	4.0
290-310	17.3	10.0	.5	.1	.1							28.1	4.5	4.0
320-340	7.6	5.9	1.8	1.0	.3							16.7	6.3	5.0
VARIABLE														
CALM	////////////////////////////////////											10.9	////////	
TOTALS	43.4	34.6	7.3	2.2	1.0		.2					100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	3.9	2.3	.9	.3	.2		.1	.1				7.7	6.7	4.5
020-040	2.9	1.2	.5	.1								4.7	5.0	4.0
050-070	1.4	1.5	1.3	.2	.1							4.5	7.7	7.0
(E) 080-100	.6	.8	.6	.1	.1							2.3	8.4	8.0
110-130	2.4	.9	.2									3.4	4.3	4.0
140-160	2.8	1.1	.5									4.4	4.8	4.0
(S) 170-190	1.1		.3									1.4	4.6	3.0
200-220	1.7	.1										1.8	2.1	2.0
230-250	1.7											1.7	2.4	2.0
(W) 260-280	4.3	.3										.6	2.5	2.0
290-310	10.1	2.4	.1									12.6	3.5	3.0
320-340	7.1	3.3	.5	.1								11.1	4.2	4.0
VARIABLE														
CALM	////////////////////											39.7	////////	
TOTALS	40.0	13.9	4.9	.8	.4		.1	.1				100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.0	1.6	.5	1.0	.2	.2						6.6	7.8	5.0
020-040	2.3	1.0	.8									4.0	5.3	4.0
050-070	1.5	1.0	.1	.1	.1							2.8	6.1	4.0
(E) 080-100	1.7	.4	1.1	.1								3.3	6.7	4.0
110-130	2.3	1.3	.2									3.8	4.0	3.0
140-160	3.3	1.0	.1	.3								4.7	4.8	4.0
(S) 170-190	1.1	.3										1.4	3.0	2.0
200-220	.6	.2										.9	3.5	3.0
230-250	3.0	.2										3.2	2.4	2.0
(W) 260-280	4.4		.1	.2								4.7	3.0	2.0
290-310	4.6	.2	.2									5.1	2.6	2.0
320-340	4.5	1.3	.6	.1	.1		.1					6.8	4.9	2.0
VARIABLE														
CALM	////////////////////////////////////										52.8	////////////////////////////////		
TOTALS	32.3	8.5	3.7	1.8	.4	.2	.1					100.0	2.2	3.0
TOTAL NUMBER OF OBSERVATIONS 930														

Not Available

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.6	.7	.6	.3	.2	.1	.0				6.1	8.0	5.0
020-040	2.2	1.4	.6	.0	.0							4.2	5.3	4.0
050-070	1.9	1.6	.9	.2	.1		.0					4.6	6.6	6.0
(E) 080-100	1.9	1.0	.9	.2	.0							4.0	6.4	5.0
110-130	3.0	1.3	.2									4.5	3.9	3.0
140-160	3.8	2.0	.5	.1								6.4	4.6	4.0
(S) 170-190	1.8	.4	.2	.0	.0							2.5	4.1	3.0
200-220	1.2	.1	.0									1.3	2.7	2.0
230-250	1.5	.2	.1									1.8	3.2	2.0
(W) 260-280	2.6	.5	.2	.1								3.5	3.9	3.0
290-310	5.8	2.5	.3	.0	.0							8.7	4.0	4.0
320-340	4.8	2.5	.9	.4	.3		.0					8.8	5.9	4.0
VARIABLE														
CALM	////////////////////////////////////											43.6	////////////////////////////////	
TOTALS	33.2	15.1	5.5	1.6	.7	.2	.1					100.0	2.9	4.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOT											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.2										1.4	2.9	2.0
020-040	.5	.3										.8	3.4	2.0
050-070	.6	.5	.2									1.3	4.9	4.5
(E) 080-100	2.1	.3	.3									2.7	3.9	2.0
110-130	3.2	2.1	1.3									6.5	5.3	5.0
140-160	6.8	6.0	3.0	.2								16.1	6.0	6.0
(S) 170-190	2.1	.5	.2									2.7	3.8	3.0
200-220	.5		.2									.6	4.5	2.5
230-250	1.3	.2										1.4	2.8	2.0
(W) 260-280	2.4	.2		.2								2.7	3.4	2.0
290-310	5.2	4.1	.2									9.5	4.6	4.0
320-340	3.2	1.4										4.6	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											49.6	////////////////////////////////	
TOTALS	29.2	15.8	5.4	.4								100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 629

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.0	.3	.2	.1	.0	.0	.0				3.6	5.7	4.0
020-040	1.5	.7	.3	.0	.0	.0						2.5	4.9	4.0
050-070	1.4	.7	.4	.1	.0	.0	.0					2.6	5.8	4.0
(E) 080-100	1.5	.5	.3	.1	.0	.0						2.4	5.0	3.0
110-130	2.6	1.0	.1	.0	.0							3.8	3.9	3.0
140-160	4.0	1.9	.3	.0	.0							6.3	4.3	4.0
(S) 170-190	2.0	.6	.2	.0	.0							2.8	4.0	3.0
200-220	1.0	.3	.1	.0								1.3	3.6	2.0
230-250	1.2	.3	.1	.0	.0							1.6	3.9	3.0
(W) 260-280	3.2	1.9	.6	.0	.0	.0						5.8	5.0	4.0
290-310	7.3	8.1	3.9	.1	.0							19.4	6.2	6.0
320-340	5.3	4.3	1.2	.2	.1	.0	.0					11.2	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											36.7	////////////////////////////////	
TOTALS	33.0	21.3	7.8	.7	.2							100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS: 87663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.7	.3	.0		.0							2.1	2.9	2.0
020-040	.9	.1										1.0	2.4	2.0
050-070	1.0	.1	.0	.0	.0							1.1	2.8	2.0
(E) 080-100	1.3	.1	.0									1.5	2.8	2.0
110-130	2.7	1.1	.3	.0	.0							4.1	4.3	3.0
140-160	5.6	2.9	.6	.1	.0							9.2	4.6	4.0
(S) 170-190	2.4	.5	.1	.0								3.1	3.6	3.0
200-220	.9	.1	.0									1.0	2.5	2.0
230-250	.9	.1	.0									1.0	2.7	2.0
(W) 260-280	3.4	1.3	.3	.0	.0							5.1	4.2	3.0
290-310	9.5	7.4	1.7	.0								18.7	5.1	4.0
320-340	6.4	3.9	.5									10.7	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											41.4	////////////////////////////////	
TOTALS	36.7	17.9	3.5	.1								100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS: 10681

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR
1/8 THRU 4/8.....SCATTERED
5/8 THRU 7/8.....BROKEN
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	56.3	58.9	59.8	61.7	62.6	64.1	65.1	65.1	65.9	66.7	66.7	67.0	67.4	68.0	68.5
GE 20000	58.1	58.6	61.4	62.3	64.2	65.1	66.6	67.5	67.5	68.4	69.1	69.1	69.5	69.9	70.4	71.0
GE 18000	58.6	59.1	61.9	62.8	64.7	65.7	67.5	68.5	68.5	69.4	70.1	70.1	70.4	70.9	71.4	71.9
GE 16000	59.1	59.7	62.5	63.3	65.3	66.2	68.1	69.0	69.0	69.9	70.6	70.6	71.0	71.4	71.9	72.5
GE 14000	60.9	61.5	64.4	65.3	67.2	68.2	70.1	71.1	71.1	71.9	72.7	72.7	73.0	73.4	74.0	74.5
GE 12000	62.8	63.4	66.3	67.2	69.1	70.1	72.0	73.0	73.0	73.9	74.6	74.6	74.9	75.4	75.9	76.5
GE 10000	63.0	63.7	66.6	67.4	69.5	70.4	72.4	73.3	73.3	74.2	74.9	74.9	75.3	75.7	76.2	76.8
GE 9000	63.1	63.8	66.7	67.5	69.6	70.5	72.5	73.4	73.4	74.3	75.1	75.1	75.4	75.8	76.3	76.9
GE 8000	64.5	65.2	68.2	69.0	71.1	72.0	74.0	75.1	75.1	76.0	76.8	76.8	77.1	77.5	78.1	78.6
GE 7000	65.3	65.9	68.9	69.8	71.8	72.8	74.7	75.8	75.8	76.3	77.5	77.5	77.8	78.3	78.8	79.4
GE 6000	65.5	66.1	69.1	70.0	72.0	73.0	74.9	76.0	76.0	77.0	77.7	77.7	78.1	78.5	79.0	79.6
GE 5000	66.1	66.8	69.8	70.6	72.9	73.9	75.8	76.9	76.9	77.6	78.6	78.6	78.9	79.4	79.9	80.4
GE 4500	66.2	67.0	70.0	71.1	73.3	74.3	76.2	77.3	77.3	78.1	79.0	79.0	79.4	79.8	80.3	80.9
GE 4000	66.7	67.4	70.5	71.7	74.1	75.1	77.0	78.1	78.1	79.0	79.8	79.8	80.1	80.5	81.1	81.6
GE 3500	67.6	68.4	71.6	73.0	75.4	76.3	78.4	79.5	79.5	80.4	81.2	81.2	81.5	81.9	82.5	83.0
GE 3000	68.8	69.9	73.2	74.8	77.8	78.8	80.9	81.9	81.9	82.9	83.7	83.7	84.0	84.4	84.9	85.5
GE 2500	70.1	71.3	75.1	77.0	80.5	81.5	83.7	84.7	84.7	85.7	86.5	86.5	86.8	87.2	87.8	88.4
GE 2000	70.8	71.9	75.8	77.7	81.7	82.9	85.1	86.3	86.3	87.3	88.1	88.1	88.4	88.8	89.5	90.2
GE 1800	70.9	72.0	75.9	77.8	81.8	83.0	85.2	86.5	86.5	87.4	88.2	88.2	88.5	88.9	89.6	90.3
GE 1500	71.4	72.6	76.9	78.8	83.3	84.7	87.0	88.5	88.5	89.5	90.2	90.2	90.5	91.0	91.6	92.4
GE 1200	71.4	72.7	77.0	79.2	84.1	85.6	88.0	89.8	89.8	90.8	91.5	91.5	91.8	92.3	92.9	93.7
GE 1000	71.7	73.0	77.3	79.6	84.7	86.3	88.7	90.5	90.5	91.5	92.4	92.4	92.7	93.1	93.8	94.5
GE 900	71.7	73.0	77.3	79.6	85.2	86.8	89.1	91.0	91.0	92.0	93.0	93.0	93.3	93.8	94.4	95.2
GE 800	71.7	73.0	77.3	79.6	85.3	86.9	89.2	91.3	91.3	92.5	93.4	93.4	93.8	94.2	94.8	95.6
GE 700	71.7	73.0	77.3	79.6	85.4	87.0	89.4	91.6	91.6	92.8	93.8	93.8	94.1	94.5	95.2	95.9
GE 600	71.7	73.0	77.3	79.6	85.4	87.1	89.5	91.9	91.9	93.1	94.1	94.1	94.4	94.8	95.5	96.2
GE 500	71.7	73.0	77.3	79.6	85.4	87.1	89.5	91.9	91.9	93.2	94.2	94.2	94.6	95.1	95.7	96.5
GE 400	71.7	73.0	77.3	79.6	85.4	87.1	89.5	91.9	91.9	93.2	94.2	94.2	94.8	95.3	95.9	96.8
GE 300	71.7	73.0	77.3	79.6	85.4	87.1	89.7	92.2	92.2	93.4	94.5	94.5	95.2	95.6	96.3	97.4
GE 200	71.7	73.0	77.3	79.6	85.5	87.2	89.8	92.3	92.3	93.5	94.6	94.6	95.4	95.8	96.6	98.1
GE 100	71.7	73.0	77.3	79.6	85.6	87.3	89.9	92.4	92.4	93.7	94.8	94.8	95.8	96.2	97.0	99.4
GE 00	71.7	73.0	77.3	79.6	85.6	87.3	89.9	92.4	92.4	93.7	94.8	94.8	95.8	96.2	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	54.0	54.1	55.5	55.7	57.7	58.7	60.2	60.4	60.6	61.9	62.3	62.4	63.3	63.3	63.4
GE 20000	57.0	57.1	58.6	58.8	61.2	62.2	63.7	63.9	64.1	65.4	65.7	65.8	66.8	66.8	66.9
GE 18000	57.2	57.3	58.8	59.0	61.4	62.4	64.0	64.2	64.4	65.7	66.0	66.1	67.1	67.1	67.2
GE 16000	57.3	57.4	58.9	59.1	61.5	62.5	64.1	64.3	64.5	65.8	66.1	66.2	67.2	67.2	67.3
GE 14000	58.5	58.7	60.2	60.5	63.0	64.0	65.8	66.0	66.2	67.5	67.8	68.0	68.9	68.9	69.0
GE 12000	60.2	60.4	61.9	62.3	64.8	65.8	67.6	68.0	68.2	69.5	69.8	69.9	70.9	70.9	71.0
GE 10000	60.5	60.8	62.3	62.6	65.2	66.1	68.0	68.3	68.5	69.8	70.1	70.2	71.2	71.2	71.3
GE 9000	60.5	60.8	62.3	62.6	65.2	66.1	68.0	68.3	68.5	69.8	70.1	70.2	71.2	71.2	71.3
GE 8000	61.7	61.9	63.4	63.8	66.3	67.3	69.1	69.8	70.0	71.3	71.6	71.7	72.7	72.7	72.8
GE 7000	61.8	62.0	63.5	63.9	66.5	67.4	69.2	69.9	70.1	71.4	71.7	71.8	72.8	72.8	72.9
GE 6000	62.4	62.6	64.2	64.5	67.1	68.1	69.9	70.5	70.8	72.2	72.5	72.6	73.5	73.5	73.7
GE 5000	63.1	63.3	64.9	65.3	68.0	68.9	70.9	71.5	71.7	73.1	73.4	73.5	74.5	74.5	74.6
GE 4500	63.4	63.7	65.3	65.6	68.3	69.2	71.2	71.9	72.2	73.5	73.9	74.0	74.9	74.9	75.1
GE 4000	63.9	64.1	65.7	66.0	68.9	69.9	71.9	72.7	72.9	74.4	74.7	74.8	75.9	75.9	76.0
GE 3500	64.5	64.7	66.3	66.7	69.9	70.9	72.9	73.7	73.9	75.4	75.7	75.8	76.9	76.9	77.0
GE 3000	66.2	66.5	68.4	68.8	72.2	73.2	75.3	76.0	76.2	77.7	78.1	78.2	79.2	79.2	79.4
GE 2500	67.5	68.1	70.2	70.6	74.2	75.6	77.6	78.4	78.6	80.2	80.5	80.6	81.7	81.7	81.8
GE 2000	68.0	68.6	71.2	71.6	75.5	77.2	79.4	80.1	80.3	81.9	82.4	82.5	83.5	83.5	83.7
GE 1800	68.0	68.6	71.2	71.7	75.7	77.4	79.6	80.3	80.5	82.2	82.6	82.7	83.8	83.8	83.9
GE 1500	68.2	68.8	71.7	72.3	77.1	78.9	81.5	82.3	82.5	84.1	84.5	84.6	85.7	85.7	85.8
GE 1200	68.4	69.0	71.9	72.6	77.7	79.7	82.5	83.3	83.5	85.2	85.6	85.7	86.8	86.8	86.9
GE 1000	68.5	69.1	72.0	72.9	78.4	80.3	83.1	84.0	84.3	86.0	86.5	86.6	87.6	87.6	87.7
GE 900	68.5	69.1	72.0	73.1	78.8	80.8	83.8	84.6	84.9	86.7	87.1	87.2	88.3	88.3	88.4
GE 800	68.5	69.1	72.3	73.3	79.0	81.0	84.0	84.8	85.2	86.9	87.3	87.4	88.5	88.5	88.6
GE 700	68.5	69.1	72.3	73.3	79.2	81.2	84.2	85.1	85.4	87.3	87.7	87.8	88.9	88.9	89.0
GE 600	68.5	69.1	72.3	73.3	79.2	81.3	84.3	85.5	85.8	88.2	88.7	88.8	89.9	89.9	90.0
GE 500	68.5	69.1	72.3	73.3	79.4	81.5	84.7	85.9	86.2	88.8	89.6	89.7	90.9	90.9	91.0
GE 400	68.5	69.1	72.3	73.3	79.6	81.7	85.1	86.3	86.9	89.5	90.3	90.4	91.6	91.6	91.7
GE 300	68.5	69.1	72.3	73.3	79.6	81.7	85.1	86.3	86.9	89.5	90.4	90.5	91.9	91.9	92.0
GE 200	68.5	69.1	72.3	73.3	79.6	81.7	85.1	86.5	87.0	89.7	91.0	91.1	92.5	92.5	92.6
GE 100	68.5	69.1	72.3	73.3	79.6	81.7	85.1	86.5	87.0	89.7	91.0	91.1	92.5	92.5	92.6
GE 000	68.5	69.1	72.3	73.3	79.6	81.7	85.1	86.5	87.0	89.7	91.0	91.1	92.5	92.5	92.6

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 06-03

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.8	53.5	54.2	54.5	57.1	57.6	58.1	58.3	58.5	59.4	59.7	59.9	60.6	60.8	61.8	63.7
GE 20000	55.9	56.7	57.6	58.0	61.0	61.5	61.9	62.2	62.4	63.2	63.7	63.9	64.6	64.7	65.9	67.7
GE 18000	56.5	57.2	58.2	58.5	61.5	62.0	62.5	62.7	62.9	63.8	64.2	64.4	65.2	65.3	66.6	68.4
GE 16000	56.5	57.2	58.2	58.5	61.5	62.0	62.5	62.7	62.9	63.8	64.2	64.4	65.2	65.3	66.6	68.4
GE 14000	58.1	58.8	59.8	60.2	63.4	64.2	64.6	64.8	65.2	66.1	66.6	66.8	67.5	67.6	68.9	70.8
GE 12000	60.0	60.8	61.7	62.3	65.7	66.5	66.9	67.1	67.4	68.4	69.0	69.2	70.0	70.1	71.4	73.2
GE 10000	60.5	61.3	62.3	62.8	66.2	67.0	67.4	67.6	68.0	68.9	69.7	69.9	70.6	70.8	72.0	73.9
GE 9000	60.6	61.4	62.4	62.9	66.3	67.1	67.5	67.7	68.1	69.0	69.8	70.0	70.8	70.9	72.2	74.0
GE 8000	61.4	62.2	63.2	63.8	67.2	68.0	68.4	68.7	69.0	70.1	71.0	71.2	71.9	72.0	73.3	75.2
GE 7000	61.6	62.4	63.4	64.0	67.4	68.2	68.6	68.9	69.2	70.3	71.2	71.4	72.2	72.3	73.5	75.4
GE 6000	61.9	62.7	63.8	64.3	67.7	68.5	68.9	69.2	69.6	70.6	71.5	71.7	72.5	72.6	73.9	75.7
GE 5000	62.6	63.3	64.4	64.9	68.4	69.1	69.6	70.0	70.4	71.5	72.4	72.6	73.3	73.4	74.7	76.6
GE 4500	62.7	63.4	64.5	65.1	68.5	69.2	69.7	70.1	70.5	71.6	72.5	72.7	73.4	73.5	74.8	76.7
GE 4000	63.0	63.8	64.8	65.5	68.9	69.7	70.3	70.8	71.2	72.3	73.1	73.3	74.1	74.2	75.5	77.3
GE 3500	64.4	65.2	66.5	67.2	70.9	71.7	72.6	73.0	73.4	74.5	75.4	75.6	76.3	76.5	77.7	79.6
GE 3000	65.8	66.6	68.0	68.8	72.6	73.5	74.5	74.9	75.4	76.6	77.4	77.6	78.5	78.6	79.9	81.8
GE 2500	66.8	67.5	69.1	70.2	74.2	75.3	76.2	76.7	77.1	78.3	79.4	79.6	80.4	80.6	81.9	83.9
GE 2000	67.4	68.2	70.0	71.2	75.6	76.9	78.1	78.5	78.9	80.1	81.3	81.6	82.5	82.7	84.0	85.9
GE 1800	67.4	68.2	70.1	71.3	75.7	77.2	78.4	78.8	79.2	80.4	81.6	81.9	82.8	83.0	84.3	86.2
GE 1500	67.5	68.5	70.5	71.7	76.2	77.8	79.1	79.9	80.3	81.5	82.7	83.0	83.9	84.1	85.4	87.3
GE 1200	67.6	68.6	70.8	71.9	76.8	78.4	79.7	80.4	80.9	82.0	83.2	83.5	84.4	84.6	85.9	87.8
GE 1000	67.7	68.7	70.9	72.2	77.1	79.0	80.4	81.2	81.6	83.0	84.3	84.6	85.5	85.7	87.0	88.9
GE 900	67.7	68.7	71.0	72.4	77.7	79.7	81.2	82.0	82.7	84.1	85.4	85.7	86.6	86.8	88.1	90.0
GE 800	67.7	68.7	71.0	72.4	78.1	80.2	81.7	82.6	83.2	84.8	86.1	86.5	87.3	87.5	88.8	90.8
GE 700	67.7	68.7	71.0	72.4	78.3	80.4	82.0	83.1	83.9	85.9	87.2	87.5	88.4	88.6	89.9	91.9
GE 600	67.7	68.7	71.0	72.4	78.4	80.5	82.3	83.7	84.4	86.6	87.8	88.2	89.0	89.2	90.6	92.7
GE 500	67.7	68.7	71.0	72.4	78.4	80.5	82.3	83.7	84.4	86.8	88.2	88.5	89.5	89.7	91.1	93.2
GE 400	67.7	68.7	71.0	72.6	78.6	80.8	82.5	83.9	84.7	87.2	88.7	89.0	90.1	90.3	91.8	94.1
GE 300	67.7	68.7	71.0	72.6	78.6	80.8	82.5	84.0	84.8	87.3	88.8	89.1	90.2	90.5	92.3	95.3
GE 200	67.7	68.7	71.0	72.6	78.6	81.0	82.7	84.2	85.1	87.5	89.0	89.4	90.5	90.9	92.7	97.1
GE 100	67.7	68.7	71.0	72.6	78.6	81.0	82.7	84.3	85.2	87.6	89.2	89.6	90.8	91.1	92.9	98.5
GE 000	67.7	68.7	71.0	72.6	78.6	81.0	82.7	84.3	85.2	87.6	89.2	89.6	90.8	91.1	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															CF
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	54.0	54.8	56.9	57.4	58.9	59.5	60.6	61.2	61.7	61.9	62.3	62.5	62.6	62.6	62.7	62.7
GE 20000	58.7	59.7	61.9	62.5	64.1	65.1	66.2	66.8	67.4	67.6	68.1	68.3	68.4	68.4	68.7	68.7
GE 18000	59.5	60.4	62.7	63.2	64.8	65.8	67.0	67.5	68.2	68.4	68.8	69.0	69.1	69.1	69.5	69.5
GE 16000	59.6	60.5	62.8	63.3	64.9	65.9	67.1	67.6	68.3	68.5	68.9	69.1	69.2	69.2	69.5	69.5
GE 14000	62.3	63.2	65.7	66.2	67.8	68.8	70.0	70.8	71.4	71.7	72.2	72.4	72.5	72.5	72.8	72.8
GE 12000	63.8	64.7	67.3	67.8	69.6	70.5	71.7	72.5	73.3	73.8	74.2	74.4	74.5	74.5	74.8	74.8
GE 10000	64.7	65.8	68.4	68.9	70.3	71.7	72.9	73.7	74.6	75.1	75.5	75.7	75.8	75.8	76.1	76.1
GE 9000	65.4	66.5	69.0	69.6	71.4	72.4	73.5	74.3	75.3	75.7	76.1	76.3	76.5	76.5	76.8	76.8
GE 8000	66.0	67.1	69.8	70.3	72.2	73.1	74.3	75.1	76.0	76.5	76.9	77.1	77.2	77.2	77.5	77.5
GE 7000	66.5	67.5	70.2	70.8	72.6	73.5	74.7	75.5	76.5	77.0	77.5	77.8	78.0	78.0	78.3	78.3
GE 6000	66.7	67.7	70.4	71.0	72.9	74.0	75.2	75.9	76.9	77.4	78.0	78.3	78.4	78.4	78.7	78.7
GE 5000	67.1	68.2	71.0	71.5	73.5	74.7	75.9	76.7	77.6	78.2	78.7	79.0	79.1	79.1	79.3	79.3
GE 4500	67.4	68.5	71.3	71.8	73.9	75.1	76.2	77.0	78.0	78.5	79.0	79.4	79.5	79.5	79.8	79.8
GE 4000	68.8	69.9	72.7	73.3	75.5	76.7	78.0	78.7	79.9	80.4	81.0	81.3	81.4	81.4	81.7	81.7
GE 3500	69.9	71.0	73.8	74.4	76.7	77.8	79.2	80.0	81.2	81.7	82.3	82.6	82.7	82.7	83.0	83.0
GE 3000	71.8	72.9	75.8	76.9	79.1	80.3	81.7	82.5	83.7	84.2	84.7	85.1	85.2	85.2	85.5	85.5
GE 2500	72.2	73.3	76.5	77.8	80.2	81.7	83.4	84.2	85.4	85.9	86.5	86.9	87.0	87.0	87.3	87.3
GE 2000	72.7	73.9	77.0	78.5	81.4	82.9	84.6	85.6	86.8	87.4	88.0	88.5	88.6	88.6	88.9	88.9
GE 1800	72.9	74.1	77.2	78.7	81.9	83.4	85.2	86.1	87.3	88.0	88.5	89.0	89.1	89.1	89.3	89.3
GE 1500	73.7	74.9	78.2	79.7	83.3	85.2	87.5	88.5	89.9	90.5	91.1	91.6	91.7	91.7	91.9	91.9
GE 1200	74.4	75.7	79.0	80.5	84.2	86.2	88.7	89.7	91.1	91.7	92.4	92.9	93.1	93.1	93.3	93.3
GE 1000	74.6	75.9	79.2	80.9	84.8	87.0	89.5	90.4	91.8	92.5	93.2	93.8	94.1	94.1	94.4	94.4
GE 900	74.6	75.9	79.2	80.9	84.8	87.1	89.6	90.6	92.0	92.7	93.4	94.0	94.3	94.3	94.6	94.6
GE 800	74.7	76.0	79.4	81.0	85.1	87.3	89.9	91.2	92.6	93.2	94.0	94.5	94.8	94.8	95.1	95.1
GE 700	74.7	76.0	79.4	81.0	85.1	87.3	89.9	91.2	92.8	93.4	94.2	94.7	95.1	95.1	95.3	95.3
GE 600	74.7	76.0	79.4	81.0	85.1	87.3	89.9	91.3	92.9	93.7	94.4	94.9	95.4	95.4	95.6	95.6
GE 500	74.7	76.0	79.4	81.0	85.1	87.3	89.9	91.4	93.0	93.8	94.5	95.1	95.5	95.5	96.1	96.1
GE 400	74.7	76.0	79.4	81.2	85.3	87.5	90.1	91.7	93.4	94.2	95.3	96.0	96.7	96.7	97.4	97.4
GE 300	74.7	76.0	79.4	81.2	85.3	87.5	90.1	91.7	93.4	94.3	95.4	96.1	96.9	96.9	97.6	97.6
GE 200	74.7	76.0	79.4	81.2	85.3	87.5	90.1	91.7	93.4	94.3	95.4	96.1	96.9	96.9	97.7	97.7
GE 100	74.7	76.0	79.4	81.2	85.3	87.5	90.1	91.7	93.4	94.3	95.4	96.1	96.9	96.9	97.7	97.7
GE 000	74.7	76.0	79.4	81.2	85.3	87.5	90.1	91.7	93.4	94.3	95.4	96.1	96.9	96.9	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.5	57.2	59.2	60.2	61.8	62.9	63.8	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 20000	63.7	64.4	66.6	67.6	69.6	73.8	71.6	71.8	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 18000	64.0	64.8	67.0	68.1	70.0	71.2	72.0	72.3	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 16000	64.1	64.9	67.1	68.2	70.1	71.3	72.2	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	66.7	67.5	69.9	71.0	72.9	74.1	74.9	75.2	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 12000	68.4	69.2	71.6	72.7	74.7	75.9	77.0	77.2	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	69.1	70.0	72.4	73.4	75.5	76.7	77.8	78.2	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9
GE 9000	69.7	70.5	72.9	74.0	76.0	77.2	78.4	78.7	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 8000	70.6	71.5	73.9	74.9	77.0	78.2	79.4	79.7	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	71.0	71.8	74.3	75.4	77.4	78.7	79.9	80.2	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	71.3	72.2	74.8	75.9	78.1	79.4	80.5	80.9	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 5000	72.4	73.4	76.1	77.2	79.4	80.6	81.8	82.2	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	72.8	73.9	76.6	77.6	79.8	81.1	82.3	82.6	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 4000	73.9	74.9	77.7	78.8	81.2	82.5	83.7	84.0	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	75.4	76.8	79.9	81.1	83.4	84.7	85.9	86.2	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	78.2	79.6	83.0	84.2	86.9	88.3	89.5	89.8	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	78.6	80.2	83.9	85.2	88.2	89.6	91.2	91.5	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000	79.9	81.5	85.4	86.7	90.0	91.8	93.4	93.9	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	80.0	81.6	85.5	86.8	90.1	91.9	93.5	94.0	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	80.8	82.4	86.6	88.0	91.5	93.3	95.1	95.5	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	81.2	82.9	87.1	88.5	92.3	94.2	95.9	96.3	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	81.6	83.3	87.6	89.0	92.8	94.7	96.5	97.0	97.6	98.1	98.2	98.2	98.4	98.4	98.4	98.4
GE 900	81.7	83.4	87.7	89.1	92.9	94.8	96.6	97.1	97.7	98.2	98.3	98.3	98.5	98.5	98.5	98.5
GE 800	81.7	83.4	87.7	89.1	92.9	94.8	96.6	97.1	97.7	98.2	98.4	98.4	98.6	98.6	98.6	98.6
GE 700	81.7	83.4	87.7	89.1	92.9	94.8	96.6	97.1	97.7	98.2	98.5	98.5	98.8	98.8	98.8	98.8
GE 600	81.7	83.4	87.7	89.1	92.9	94.8	96.6	97.1	97.7	98.3	98.7	98.7	99.0	99.0	99.0	99.0
GE 500	82.0	83.8	88.1	89.5	93.2	95.2	97.0	97.5	98.2	98.7	99.1	99.1	99.5	99.5	99.5	99.5
GE 400	82.0	83.8	88.1	89.6	93.3	95.4	97.2	97.7	98.4	98.9	99.4	99.5	99.8	99.8	99.8	99.8
GE 300	82.0	83.8	88.1	89.6	93.3	95.4	97.2	97.7	98.4	98.9	99.4	99.6	99.9	99.9	99.9	99.9
GE 200	82.0	83.8	88.1	89.6	93.3	95.4	97.2	97.7	98.4	98.9	99.4	99.6	99.9	99.9	99.9	99.9
GE 100	82.0	83.8	88.1	89.6	93.3	95.4	97.2	97.7	98.4	98.9	99.4	99.6	99.9	99.9	100.0	100.0
GE 000	82.0	83.8	88.1	89.6	93.3	95.4	97.2	97.7	98.4	98.9	99.4	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.1	56.1	58.1	59.5	61.4	62.9	64.0	64.4	64.9	65.3	65.5	65.5	65.5	65.5	65.5	65.5
GE 20000	62.0	63.1	65.1	66.6	68.5	70.0	71.1	71.7	72.3	72.6	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	62.4	63.4	65.4	67.0	68.9	70.4	71.5	72.2	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2
GE 16000	62.7	63.8	65.7	67.3	69.2	70.8	71.8	72.5	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5
GE 14000	65.7	66.9	68.9	70.5	72.6	74.2	75.6	76.2	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	67.1	68.3	70.3	71.9	74.1	75.7	77.3	78.0	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0
GE 10000	67.8	69.0	71.1	72.7	74.9	76.6	78.3	78.9	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0
GE 9000	68.6	69.8	71.8	73.4	75.7	77.3	79.0	79.7	80.2	80.5	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	70.4	71.6	73.8	75.4	77.6	79.2	81.0	81.7	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000	70.8	71.9	74.1	75.7	78.0	79.6	81.3	82.2	82.7	83.0	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	71.5	72.7	74.8	76.5	78.7	80.3	82.0	82.9	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	72.3	73.5	75.7	77.5	79.8	81.4	83.1	84.0	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500	72.5	73.8	75.9	77.7	80.0	81.6	83.3	84.2	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	73.7	74.9	77.1	79.1	81.5	83.1	84.8	85.7	86.2	86.6	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	74.3	75.9	78.4	80.4	83.2	84.8	86.6	87.4	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	76.9	78.5	81.3	83.4	86.3	88.2	89.9	90.8	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	78.1	79.8	82.8	85.3	88.5	90.4	92.2	93.0	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	79.6	81.3	84.4	86.9	90.5	92.5	94.2	95.1	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	80.0	81.7	84.8	87.3	91.0	92.9	94.6	95.5	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	80.3	82.0	85.2	87.6	91.4	93.3	95.2	96.0	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	80.6	82.4	85.5	88.0	91.7	93.7	95.5	96.3	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	81.0	82.7	85.8	88.3	92.5	94.4	96.3	97.2	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	81.0	82.7	85.8	88.3	92.5	94.4	96.3	97.3	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	81.0	82.7	85.8	88.3	92.5	94.6	96.6	97.5	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	81.0	82.7	85.8	88.3	92.6	94.8	96.8	97.7	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	81.0	82.7	85.8	88.3	92.6	94.9	96.9	97.8	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	81.1	82.8	85.9	88.5	92.8	95.2	97.2	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	81.1	82.8	85.9	88.5	92.8	95.2	97.2	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	81.1	82.8	85.9	88.5	92.8	95.2	97.2	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	81.1	82.8	85.9	88.5	92.8	95.2	97.2	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	81.1	82.8	85.9	88.5	92.8	95.2	97.2	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 000	81.1	82.8	85.9	88.5	92.8	95.2	97.2	98.2	98.8	99.5	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 430

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 18-20

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0	
NO CEIL	59.0	60.0	61.2	63.4	66.1	66.9	67.2	68.0	68.6	68.7	69.0	69.0	69.4	69.4	69.5	69.5	
GE 20000	63.2	64.3	65.5	67.7	70.4	71.3	71.8	72.7	73.5	73.7	74.0	74.0	74.3	74.3	74.4	74.4	
GE 18000	63.8	64.9	66.1	68.4	71.2	72.0	72.6	73.4	74.3	74.4	74.7	74.7	75.1	75.1	75.2	75.2	
GE 16000	64.2	65.4	66.6	68.8	71.6	72.6	73.1	74.0	74.8	74.9	75.3	75.3	75.6	75.6	75.7	75.7	
GE 14000	66.1	67.4	68.8	71.2	74.1	75.1	75.7	76.6	77.4	77.5	77.8	77.8	78.2	78.2	78.3	78.3	
GE 12000	67.7	69.0	70.4	72.8	75.7	76.7	77.3	78.3	79.1	79.2	79.6	79.6	79.9	79.9	80.0	80.0	
GE 10000	68.5	69.8	71.2	73.8	76.7	77.6	78.3	79.2	80.1	80.2	80.5	80.5	80.9	80.9	81.0	81.0	
GE 9000	69.5	70.8	72.2	74.7	77.6	78.6	79.2	80.2	81.1	81.2	81.5	81.5	81.8	81.8	81.9	81.9	
GE 8000	71.1	72.4	74.2	76.8	79.7	80.6	81.3	82.3	83.1	83.2	83.5	83.5	83.9	83.9	84.0	84.0	
GE 7000	71.5	72.8	74.7	77.3	80.3	81.3	81.9	82.9	83.8	83.9	84.2	84.2	84.5	84.5	84.6	84.6	
GE 6000	71.8	73.1	75.1	77.7	80.8	81.7	82.4	83.3	84.2	84.3	84.6	84.6	84.9	84.9	85.1	85.1	
GE 5000	72.5	73.8	75.7	78.6	81.6	82.6	83.2	84.2	85.1	85.2	85.5	85.5	85.8	85.8	85.9	85.9	
GE 4500	72.8	74.1	76.0	78.9	81.9	82.9	83.5	84.5	85.4	85.5	85.8	85.8	86.1	86.1	86.2	86.2	
GE 4000	73.9	75.3	77.4	80.3	83.4	84.4	85.1	86.0	86.9	87.0	87.3	87.3	87.6	87.6	87.7	87.7	
GE 3500	74.8	76.7	79.0	82.0	85.2	86.1	86.8	87.7	88.6	88.7	89.0	89.0	89.4	89.4	89.5	89.5	
GE 3000	76.8	78.6	81.2	84.4	87.7	88.7	89.4	90.3	91.2	91.3	91.6	91.6	91.9	91.9	92.0	92.0	
GE 2500	78.5	80.3	83.2	86.7	90.2	91.5	92.2	93.1	94.0	94.1	94.4	94.4	94.7	94.7	94.8	94.8	
GE 2000	79.0	80.9	84.0	87.4	91.3	92.7	93.3	94.3	95.2	95.3	95.6	95.6	95.9	95.9	96.0	96.0	
GE 1800	79.2	81.1	84.2	87.6	91.6	93.0	93.7	94.6	95.5	95.6	95.9	95.9	96.2	96.2	96.3	96.3	
GE 1500	79.8	81.6	84.8	88.5	92.7	94.1	94.7	95.7	96.6	96.7	97.0	97.0	97.3	97.3	97.4	97.4	
GE 1200	79.8	81.6	84.8	88.5	93.0	94.4	95.1	96.0	96.9	97.0	97.3	97.3	97.6	97.6	97.7	97.7	
GE 1000	80.4	82.3	85.6	89.2	94.0	95.4	96.0	97.1	98.0	98.1	98.4	98.4	98.7	98.7	98.8	98.8	
GE 900	80.4	82.3	85.6	89.2	94.4	95.8	96.5	97.5	98.4	98.5	98.8	98.8	99.1	99.1	99.2	99.2	
GE 800	80.4	82.3	85.7	89.4	94.6	96.0	96.7	97.7	98.6	98.7	99.0	99.0	99.4	99.4	99.5	99.5	
GE 700	80.4	82.5	85.8	89.5	94.7	96.1	96.8	97.8	98.7	98.8	99.1	99.1	99.5	99.5	99.6	99.6	
GE 600	80.4	82.5	85.8	89.5	94.7	96.1	96.8	97.8	98.7	98.8	99.1	99.1	99.5	99.5	99.6	99.6	
GE 500	80.5	82.6	85.9	89.6	94.8	96.2	96.9	98.0	98.8	98.9	99.2	99.2	99.6	99.6	99.7	99.7	
GE 400	80.5	82.6	85.9	89.6	94.8	96.2	96.9	98.0	98.8	98.9	99.2	99.2	99.6	99.6	99.7	99.7	
GE 300	80.5	82.6	85.9	89.6	94.8	96.2	96.9	98.0	98.8	98.9	99.2	99.2	99.6	99.6	99.8	99.9	
GE 200	80.5	82.6	85.9	89.6	94.8	96.2	96.9	98.0	98.8	98.9	99.2	99.2	99.6	99.6	99.8	100.0	
GE 100	80.5	82.6	85.9	89.6	94.8	96.2	96.9	98.0	98.8	98.9	99.2	99.2	99.6	99.6	99.8	100.0	
GE 000	80.5	82.6	85.9	89.6	94.8	96.2	96.9	98.0	98.8	98.9	99.2	99.2	99.6	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 1/8
NO CEIL	60.3	61.1	62.7	64.6	67.1	67.4	68.5	68.7	69.5	70.0	70.5	70.5	70.8	70.9	71.4	71.9
GE 20000	63.5	64.3	65.9	68.1	70.8	71.1	72.2	72.5	73.2	73.9	74.5	74.5	74.7	74.8	75.4	75.9
GE 18000	63.9	64.6	66.3	68.5	71.2	71.5	72.6	72.9	73.7	74.4	75.1	75.1	75.3	75.4	75.9	76.4
GE 16000	64.2	65.2	66.9	69.0	71.7	72.0	73.1	73.4	74.2	74.9	75.6	75.6	75.8	75.9	76.5	77.0
GE 14000	65.6	66.9	68.7	70.9	73.5	73.9	75.2	75.5	76.2	77.0	77.6	77.6	77.8	78.0	78.5	79.0
GE 12000	67.4	68.7	70.5	72.7	75.4	75.7	77.0	77.3	78.1	78.8	79.5	79.5	79.7	79.8	80.3	80.8
GE 10000	67.7	69.0	71.0	73.2	75.9	76.2	77.5	77.8	78.8	79.6	80.2	80.2	80.4	80.5	81.1	81.6
GE 9000	68.4	69.7	71.6	73.9	76.6	76.9	78.2	78.5	79.5	80.2	80.9	80.9	81.1	81.2	81.7	82.2
GE 8000	69.7	71.0	73.0	75.3	78.0	78.3	79.6	79.9	80.9	81.7	82.4	82.4	82.6	82.7	83.2	83.7
GE 7000	70.0	71.3	73.5	75.8	78.5	78.8	80.1	80.4	81.4	82.3	82.9	82.9	83.1	83.2	83.8	84.3
GE 6000	70.1	71.4	73.7	76.0	78.7	79.0	80.3	80.6	81.6	82.5	83.1	83.1	83.3	83.4	84.0	84.5
GE 5000	71.2	72.5	74.7	77.1	79.9	80.2	81.5	81.8	82.8	83.7	84.3	84.3	84.5	84.6	85.2	85.7
GE 4500	71.5	72.8	75.1	77.4	80.2	80.5	81.8	82.2	83.1	84.0	84.6	84.6	84.6	84.9	85.5	86.0
GE 4000	72.8	74.1	76.3	78.8	81.7	82.0	83.3	83.7	84.6	85.5	86.1	86.1	86.3	86.5	87.0	87.5
GE 3500	74.0	75.4	77.6	80.1	83.1	83.4	84.7	85.1	86.0	86.9	87.5	87.5	87.7	87.8	88.4	88.9
GE 3000	75.1	76.5	79.0	81.7	84.9	85.4	86.8	87.1	88.1	88.9	89.6	89.6	89.8	89.9	90.4	90.9
GE 2500	76.1	77.6	80.8	83.5	87.1	87.7	89.4	89.7	90.6	91.5	92.2	92.2	92.4	92.5	93.0	93.5
GE 2000	76.2	77.8	81.3	84.4	88.1	88.8	90.4	90.8	91.7	92.6	93.2	93.2	93.4	93.5	94.1	94.6
GE 1800	76.3	78.0	81.4	84.5	88.2	88.9	90.5	90.9	91.8	92.7	93.3	93.3	93.5	93.7	94.2	94.7
GE 1500	76.7	78.3	82.0	85.7	89.8	90.5	92.2	92.6	93.5	94.5	95.2	95.2	95.4	95.5	96.0	96.5
GE 1200	76.7	78.3	82.0	85.7	89.8	90.5	92.2	92.6	93.5	94.5	95.2	95.2	95.4	95.5	96.0	96.5
GE 1000	77.0	78.6	82.5	86.1	90.4	91.0	93.3	93.8	94.7	95.7	96.3	96.3	96.6	96.7	97.2	97.7
GE 900	77.1	78.7	82.6	86.3	91.2	91.9	93.7	94.1	95.1	96.0	96.7	96.7	96.9	97.0	97.5	98.0
GE 800	77.1	78.7	82.6	86.3	91.2	91.9	93.7	94.2	95.2	96.1	96.8	96.8	97.0	97.1	97.6	98.1
GE 700	77.2	79.0	82.9	86.7	91.5	92.3	94.0	94.5	95.5	96.5	97.1	97.1	97.3	97.4	98.0	98.5
GE 600	77.2	79.0	82.9	86.7	91.5	92.3	94.0	94.5	95.5	96.5	97.1	97.1	97.3	97.4	98.0	98.5
GE 500	77.2	79.0	82.9	86.7	91.5	92.4	94.2	94.7	95.8	96.9	97.5	97.6	97.8	98.0	98.5	99.0
GE 400	77.2	79.0	82.9	86.7	91.5	92.4	94.2	94.7	95.8	97.0	97.6	97.8	98.1	98.2	98.7	99.2
GE 300	77.2	79.0	82.9	86.7	91.7	92.6	94.4	94.9	96.0	97.2	97.8	98.1	98.3	98.4	99.0	99.5
GE 200	77.2	79.0	82.9	86.7	91.7	92.6	94.4	94.9	96.0	97.2	97.8	98.1	98.3	98.4	99.0	99.5
GE 100	77.2	79.0	82.9	86.7	91.7	92.6	94.4	94.9	96.0	97.2	97.8	98.1	98.4	98.5	99.1	99.6
GE 000	77.2	79.0	82.9	86.7	91.7	92.6	94.4	94.9	96.0	97.2	97.8	98.1	98.4	98.5	99.1	99.6

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.9	56.7	58.3	59.4	61.5	62.3	63.3	63.7	64.1	64.7	65.0	65.1	65.4	65.5	65.8	66.5
GE 20000	60.3	61.0	62.8	63.9	66.2	67.1	68.1	68.6	69.1	69.6	70.0	70.1	70.4	70.5	70.8	71.5
GE 18000	60.7	61.5	63.3	64.4	66.7	67.6	68.7	69.2	69.6	70.2	70.6	70.7	71.0	71.1	71.5	72.1
GE 16000	61.0	61.8	63.6	64.7	67.0	67.9	69.0	69.5	69.9	70.5	70.9	71.0	71.3	71.4	71.7	72.4
GE 14000	63.0	63.9	65.8	67.0	69.3	70.3	71.5	72.0	72.5	73.1	73.5	73.5	73.9	74.0	74.3	75.0
GE 12000	64.7	65.6	67.5	68.7	71.1	72.1	73.4	73.9	74.4	75.0	75.5	75.5	75.9	75.9	76.3	77.0
GE 10000	65.3	66.2	68.1	69.4	71.8	72.8	74.1	74.6	75.2	75.8	76.2	76.3	76.6	76.7	77.1	77.8
GE 9000	65.7	66.6	68.6	69.8	72.3	73.3	74.5	75.1	75.6	76.3	76.7	76.8	77.1	77.2	77.6	78.2
GE 8000	66.9	67.8	69.9	71.2	73.6	74.6	75.9	76.5	77.1	77.7	78.2	78.2	78.6	78.7	79.0	79.7
GE 7000	67.3	68.2	70.3	71.6	74.1	75.0	76.3	77.0	77.5	78.2	78.7	78.8	79.1	79.2	79.5	80.2
GE 6000	67.6	68.6	70.7	72.0	74.5	75.5	76.8	77.4	78.0	78.7	79.1	79.2	79.6	79.6	80.0	80.7
GE 5000	68.4	69.4	71.5	72.8	75.4	76.4	77.7	78.4	79.0	79.7	80.1	80.2	80.5	80.6	81.0	81.7
GE 4500	68.7	69.6	71.8	73.2	75.7	76.7	78.0	78.7	79.3	80.0	80.4	80.5	80.9	80.9	81.3	82.0
GE 4000	69.6	70.6	72.8	74.2	76.9	77.9	79.3	79.9	80.5	81.2	81.7	81.8	82.1	82.2	82.6	83.3
GE 3500	70.6	71.7	74.1	75.6	78.5	79.5	80.9	81.6	82.2	82.9	83.3	83.4	83.8	83.8	84.2	84.9
GE 3000	72.4	73.6	76.2	77.9	81.0	82.1	83.5	84.2	84.7	85.5	85.9	86.0	86.4	86.5	86.8	87.6
GE 2500	73.5	74.8	77.7	79.5	82.9	84.2	85.7	86.4	87.0	87.7	88.2	88.3	88.7	88.8	89.2	89.9
GE 2000	74.2	75.5	78.6	80.6	84.3	85.7	87.3	88.1	88.7	89.4	89.9	90.1	90.4	90.5	90.9	91.6
GE 1800	74.3	75.7	78.8	80.7	84.5	86.0	87.6	88.3	88.9	89.7	90.2	90.3	90.7	90.8	91.2	91.9
GE 1500	74.8	76.1	79.5	81.5	85.7	87.2	89.0	89.9	90.5	91.3	91.8	91.9	92.3	92.4	92.7	93.5
GE 1200	75.0	76.4	79.8	81.9	86.2	87.8	89.7	90.6	91.2	91.9	92.5	92.6	93.0	93.1	93.5	94.2
GE 1000	75.3	76.7	80.1	82.3	86.9	88.4	90.5	91.4	92.0	92.9	93.4	93.6	94.0	94.1	94.4	95.2
GE 900	75.3	76.7	80.2	82.4	87.2	88.9	90.8	91.8	92.5	93.3	93.9	94.0	94.5	94.6	94.9	95.7
GE 800	75.4	76.8	80.2	82.4	87.3	89.1	91.0	92.1	92.7	93.7	94.3	94.4	94.8	94.9	95.3	96.0
GE 700	75.4	76.8	80.3	82.5	87.5	89.2	91.2	92.3	93.0	94.0	94.6	94.7	95.2	95.3	95.7	96.5
GE 600	75.4	76.8	80.3	82.5	87.5	89.3	91.3	92.5	93.2	94.3	94.9	95.0	95.5	95.6	96.0	96.8
GE 500	75.4	76.9	80.3	82.6	87.6	89.4	91.5	92.7	93.4	94.6	95.3	95.4	95.9	96.0	96.4	97.2
GE 400	75.4	76.9	80.3	82.6	87.7	89.5	91.6	92.8	93.6	94.8	95.6	95.7	96.3	96.4	96.9	97.7
GE 300	75.4	76.9	80.3	82.6	87.7	89.6	91.6	92.9	93.7	94.9	95.7	95.9	96.5	96.6	97.2	98.2
GE 200	75.4	76.9	80.3	82.6	87.7	89.6	91.7	92.9	93.7	94.9	95.8	96.0	96.6	96.7	97.4	98.9
GE 100	75.4	76.9	80.3	82.6	87.7	89.6	91.7	93.0	93.8	95.0	95.8	96.0	96.7	96.8	97.5	99.6
GE 000	75.4	76.9	80.3	82.6	87.7	89.6	91.7	93.0	93.8	95.0	95.8	96.0	96.7	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	50.3	51.2	54.1	55.7	60.8	61.4	62.9	63.6	63.6	64.2	64.9	65.0	65.6	65.7	65.3
GE 20000	52.5	53.6	56.5	58.3	63.4	64.0	65.6	66.4	66.4	67.0	67.8	68.0	68.7	68.8	69.4
GE 18000	52.9	53.9	56.9	58.7	63.7	64.7	66.3	67.1	67.1	67.7	68.6	68.7	69.4	69.5	70.1
GE 16000	52.9	53.9	56.9	58.7	63.7	64.7	66.3	67.1	67.1	67.7	68.6	68.7	69.4	69.5	70.1
GE 14000	53.2	54.3	57.2	59.0	64.1	65.0	66.7	67.5	67.5	68.1	68.9	69.0	69.7	69.8	70.4
GE 12000	54.3	55.5	58.5	60.5	65.6	66.5	68.2	69.0	69.0	69.6	70.4	70.6	71.3	71.4	72.0
GE 10000	55.0	56.2	59.6	61.6	66.7	67.6	69.3	70.1	70.1	70.7	71.5	71.6	72.3	72.4	73.0
GE 9000	55.0	56.2	59.6	61.6	66.7	67.6	69.3	70.1	70.1	70.7	71.5	71.6	72.3	72.4	73.0
GE 8000	55.8	57.0	60.5	62.5	67.7	68.7	70.3	71.1	71.1	71.7	72.6	72.7	73.4	73.5	74.1
GE 7000	55.9	57.1	60.7	62.7	67.8	68.8	70.4	71.3	71.3	71.5	72.7	72.8	73.5	73.6	74.2
GE 6000	56.2	57.4	60.9	62.9	68.1	69.0	70.7	71.5	71.5	72.1	72.9	73.0	73.7	73.9	74.4
GE 5000	56.8	58.0	61.6	63.6	68.8	69.7	71.4	72.2	72.2	72.8	73.6	73.7	74.4	74.6	75.1
GE 4500	57.7	58.9	62.5	64.5	69.7	70.7	72.3	73.1	73.1	73.7	74.6	74.7	75.4	75.5	76.1
GE 4000	59.2	60.5	64.7	66.8	72.0	72.9	74.6	75.4	75.4	76.0	76.8	76.9	77.6	77.7	78.3
GE 3500	60.2	61.5	65.7	67.8	73.9	74.8	76.4	77.3	77.3	77.9	78.7	78.8	79.5	79.6	80.2
GE 3000	61.6	63.0	68.1	70.7	77.0	78.1	79.7	80.6	80.6	81.2	82.0	82.1	82.8	82.9	83.5
GE 2500	62.9	64.5	70.0	72.7	79.2	80.2	82.4	83.3	83.3	83.9	84.7	84.8	85.5	85.6	86.2
GE 2000	63.4	65.0	70.4	73.6	80.8	81.9	84.1	84.9	84.9	85.5	86.3	86.5	87.2	87.3	87.9
GE 1800	63.6	65.3	70.7	73.9	81.0	82.1	84.3	85.2	85.2	85.7	86.6	86.7	87.4	87.5	88.1
GE 1500	63.6	65.3	70.9	74.3	82.4	83.5	85.9	86.7	86.7	87.3	88.1	88.2	88.9	89.0	89.6
GE 1200	63.6	65.3	71.0	74.6	82.7	83.7	86.1	86.9	86.9	87.8	88.5	88.7	89.4	89.5	90.1
GE 1000	64.0	65.6	71.6	75.1	83.7	85.2	88.1	88.9	88.9	89.8	90.6	90.7	91.4	91.5	92.1
GE 900	64.3	66.0	72.1	75.6	84.5	85.9	88.8	89.6	89.6	90.5	91.3	91.4	92.1	92.2	92.8
GE 800	64.3	66.0	72.1	75.6	84.6	86.0	88.9	89.9	89.9	91.0	91.9	92.0	92.7	92.8	93.4
GE 700	64.3	66.0	72.1	75.7	84.9	86.3	89.4	90.3	90.3	91.5	92.3	92.5	93.2	93.3	93.9
GE 600	64.3	66.0	72.1	75.7	84.9	86.3	89.4	90.3	90.3	91.5	92.6	92.7	93.4	93.5	94.1
GE 500	64.3	66.0	72.1	75.9	85.3	86.7	89.8	91.3	91.3	92.6	93.9	94.0	94.7	94.8	95.4
GE 400	64.3	66.0	72.1	75.9	85.3	86.7	89.9	91.6	91.6	92.9	94.3	94.5	95.2	95.3	96.0
GE 300	64.3	66.0	72.1	75.9	85.4	86.8	90.0	92.1	92.1	93.4	94.8	94.9	95.8	95.9	96.9
GE 200	64.3	66.0	72.1	75.9	85.4	86.8	90.0	92.1	92.1	93.5	94.9	95.1	96.2	96.3	97.5
GE 100	64.3	66.0	72.1	75.9	85.4	86.8	90.0	92.1	92.1	93.5	94.9	95.1	96.2	96.3	97.5
GE 000	64.3	66.0	72.1	75.9	85.4	86.8	90.0	92.1	92.1	93.5	94.9	95.1	96.2	96.3	97.5

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB LA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	47.9	50.4	51.8	54.9	55.5	56.5	57.1	57.2	58.5	58.8	58.8	59.6	60.4	61.2	61.5
GE 20000	49.9	51.7	54.2	55.7	58.9	59.5	60.9	61.5	61.6	62.9	63.3	63.3	64.2	65.0	65.8	66.4
GE 18000	50.4	52.2	54.7	56.4	59.6	60.2	61.7	62.3	62.4	63.7	64.1	64.1	65.0	65.8	66.7	67.3
GE 16000	50.4	52.2	54.7	56.4	59.6	60.2	61.7	62.3	62.4	63.7	64.1	64.1	65.0	65.8	66.7	67.3
GE 14000	50.5	52.3	54.8	56.5	59.8	60.4	62.0	62.5	62.7	64.0	64.3	64.3	65.3	66.1	66.9	67.5
GE 12000	51.4	53.1	55.6	57.6	61.0	61.6	63.1	63.7	63.8	65.1	65.5	65.5	66.4	67.3	68.1	68.7
GE 10000	52.5	54.3	56.9	59.2	62.7	63.4	64.9	65.5	65.6	66.9	67.3	67.3	68.2	69.0	69.8	70.4
GE 9000	52.5	54.3	56.9	59.2	62.7	63.4	64.9	65.5	65.6	66.9	67.3	67.3	68.2	69.0	69.8	70.4
GE 8000	52.8	54.5	57.2	59.6	63.3	64.0	65.6	66.2	66.3	67.6	68.0	68.0	68.9	69.7	70.6	71.1
GE 7000	52.8	54.5	57.2	59.6	63.3	64.0	65.6	66.2	66.3	67.6	68.0	68.0	68.9	69.7	70.6	71.1
GE 6000	52.8	54.5	57.2	59.6	63.3	64.0	65.6	66.2	66.3	67.6	68.0	68.0	68.9	69.7	70.6	71.1
GE 5000	52.9	54.7	57.4	59.7	63.4	64.1	65.7	66.3	66.4	67.7	68.1	68.1	69.0	69.8	70.7	71.3
GE 4500	53.9	55.7	58.4	60.8	64.4	65.1	66.8	67.4	67.5	68.8	69.1	69.1	70.1	70.9	71.7	72.3
GE 4000	55.1	56.9	59.6	62.0	65.6	66.3	68.0	68.6	68.7	70.0	70.3	70.3	71.3	72.1	72.9	73.5
GE 3500	56.9	58.8	61.5	64.0	68.0	68.8	70.4	71.0	71.1	72.4	72.8	72.8	73.7	74.6	75.4	76.0
GE 3000	58.5	60.4	63.3	65.8	70.3	71.1	72.8	73.5	73.6	74.9	75.3	75.3	76.2	77.0	77.9	78.4
GE 2500	59.5	61.4	64.4	67.7	72.7	73.7	76.0	76.7	76.8	78.2	78.6	78.6	79.5	80.3	81.2	81.7
GE 2000	60.2	62.1	65.3	68.8	74.2	75.3	77.7	78.4	78.6	80.0	80.3	80.3	81.3	82.1	82.9	83.5
GE 1800	60.3	62.2	65.5	69.0	74.8	75.9	78.3	79.0	79.2	80.6	80.9	80.9	81.9	82.7	83.5	84.1
GE 1500	60.5	62.4	65.7	69.4	75.6	77.0	79.5	80.2	80.3	81.7	82.4	82.4	83.4	84.2	85.0	85.7
GE 1200	60.7	62.5	65.8	69.7	76.2	78.0	80.4	81.2	81.3	82.7	83.4	83.4	84.3	85.2	86.0	86.7
GE 1000	61.2	63.1	66.5	70.6	77.6	79.6	82.8	83.5	83.6	85.0	85.7	85.7	86.7	87.5	88.3	89.0
GE 900	61.6	63.5	67.0	71.0	78.1	80.1	83.3	84.0	84.1	85.6	86.3	86.3	87.4	88.2	89.0	89.8
GE 800	61.6	63.5	67.0	71.0	78.1	80.1	83.4	84.3	84.5	86.1	86.8	86.8	87.9	88.7	89.5	90.2
GE 700	61.7	63.6	67.1	71.1	78.3	80.7	84.1	85.3	85.4	87.0	87.8	87.8	88.9	89.8	90.6	91.3
GE 600	61.7	63.6	67.1	71.1	78.3	80.7	84.6	85.7	86.0	87.6	88.3	88.3	89.5	90.3	91.2	91.9
GE 500	61.7	63.6	67.1	71.1	78.3	80.7	84.7	86.3	86.7	88.5	89.2	89.2	90.5	91.3	92.1	92.9
GE 400	61.7	63.6	67.1	71.1	78.3	80.7	85.0	87.4	87.8	89.6	90.3	90.3	91.6	92.5	93.3	94.1
GE 300	61.7	63.6	67.1	71.1	78.3	80.8	85.2	87.5	87.9	89.9	90.6	90.6	92.0	92.8	94.1	95.2
GE 200	61.7	63.6	67.1	71.1	78.3	80.8	85.2	87.5	87.9	90.0	90.7	90.7	92.3	93.2	94.9	97.2
GE 100	61.7	63.6	67.1	71.1	78.3	80.8	85.2	87.5	87.9	90.0	90.9	90.9	92.6	93.4	95.2	98.7
GE 000	61.7	63.6	67.1	71.1	78.3	80.8	85.2	87.5	87.9	90.0	90.9	90.9	92.6	93.4	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 1/8
NO CEIL	43.1	43.8	45.7	46.8	48.2	49.4	50.2	51.0	51.1	52.3	52.8	52.8	53.4	53.5	53.9	54.0
GE 20000	47.9	48.8	50.9	52.1	53.7	55.0	55.9	56.8	57.0	58.3	58.8	58.8	59.6	59.7	60.4	61.0
GE 18000	49.5	50.3	52.5	53.7	55.4	56.7	57.7	58.5	58.8	60.1	60.5	60.5	61.4	61.5	62.2	63.0
GE 16000	49.5	50.3	52.5	53.7	55.4	56.7	57.7	58.5	58.8	60.1	60.5	60.5	61.4	61.5	62.2	63.0
GE 14000	50.4	51.2	53.5	54.8	56.4	57.7	58.8	59.6	59.8	61.1	61.7	61.7	62.5	62.7	63.4	64.2
GE 12000	51.1	51.9	54.2	55.7	57.7	59.0	60.1	60.9	61.1	62.4	63.0	63.0	63.8	64.0	64.7	65.5
GE 10000	52.8	53.6	55.9	57.5	59.6	60.9	62.0	62.8	63.0	64.3	64.9	64.9	65.7	65.8	66.5	67.3
GE 9000	53.2	54.1	56.4	58.0	60.1	61.4	62.4	63.3	63.5	64.8	65.4	65.4	66.2	66.3	67.0	67.8
GE 8000	53.8	54.7	57.2	58.8	61.0	62.3	63.7	64.5	64.8	66.1	66.7	66.7	67.5	67.6	68.3	69.1
GE 7000	54.1	54.9	57.5	59.0	61.2	62.5	64.0	64.8	65.0	66.3	66.9	66.9	67.7	67.8	68.5	69.3
GE 6000	54.3	55.1	57.7	59.2	61.5	62.8	64.2	65.0	65.3	66.5	67.1	67.1	68.0	68.1	68.8	69.6
GE 5000	55.2	56.1	58.7	60.2	62.4	63.7	65.3	66.1	66.3	67.6	68.2	68.2	69.0	69.1	69.8	70.6
GE 4500	55.8	56.7	59.2	60.9	63.3	64.5	66.1	66.9	67.1	68.4	69.0	69.0	69.8	70.0	70.7	71.5
GE 4000	56.8	57.6	60.3	62.0	64.3	65.7	67.3	68.1	68.3	69.6	70.2	70.2	71.0	71.1	71.8	72.6
GE 3500	58.3	59.4	62.2	63.8	66.3	67.7	69.6	70.4	70.7	72.1	72.7	72.7	73.5	73.6	74.3	75.1
GE 3000	60.0	61.0	64.3	66.0	69.0	70.4	72.3	73.1	73.4	74.8	75.4	75.4	76.2	76.3	77.0	77.7
GE 2500	60.8	61.8	65.6	67.5	70.9	72.7	74.6	75.4	75.6	77.4	78.0	78.0	78.9	79.0	79.7	80.5
GE 2000	60.8	61.8	65.7	67.7	71.1	73.1	75.4	76.3	76.6	78.3	78.9	78.9	79.9	80.0	80.7	81.5
GE 1800	60.9	62.1	66.0	68.2	71.8	73.9	76.2	77.1	77.4	79.2	79.7	79.7	80.7	80.8	81.5	82.3
GE 1500	61.7	62.9	67.0	69.5	73.6	75.9	78.6	79.9	80.1	81.9	82.8	82.8	83.7	83.9	84.6	85.4
GE 1200	61.8	63.0	67.3	69.7	74.2	76.4	79.2	80.4	80.7	82.4	83.5	83.5	84.5	84.6	85.4	86.2
GE 1000	62.4	63.6	68.0	70.4	74.9	77.3	80.2	81.7	82.3	84.3	85.5	85.5	86.5	86.6	87.4	88.2
GE 900	62.4	63.6	68.0	70.4	75.1	77.7	80.7	82.2	82.8	84.8	86.1	86.1	87.0	87.3	88.1	88.9
GE 800	62.4	63.6	68.1	70.6	75.4	78.1	81.0	82.0	83.4	85.4	86.8	86.8	87.8	88.0	88.8	89.6
GE 700	62.4	63.6	68.1	70.6	75.4	78.1	81.0	82.8	83.4	85.4	86.8	86.8	87.8	88.0	88.8	89.6
GE 600	62.4	63.6	68.1	70.6	75.4	78.2	81.2	83.0	83.7	85.7	87.3	87.3	88.2	88.5	89.3	90.1
GE 500	62.4	63.6	68.1	70.6	75.5	78.3	81.5	83.7	84.5	86.6	88.5	88.5	89.5	89.8	90.6	91.4
GE 400	62.4	63.6	68.1	70.6	75.6	78.6	81.7	84.0	84.7	86.9	88.9	88.9	90.2	90.5	91.4	92.2
GE 300	62.4	63.6	68.1	70.6	75.6	78.6	81.7	84.2	84.9	87.2	89.4	89.4	90.7	90.9	91.9	92.7
GE 200	62.4	63.6	68.1	70.6	75.6	78.6	81.7	84.2	84.9	87.2	89.4	89.4	91.0	91.3	92.3	93.1
GE 100	62.4	63.6	68.1	70.6	75.6	78.6	81.7	84.2	84.9	87.2	89.5	89.5	91.2	91.4	92.5	93.6
GE 000	62.4	63.6	68.1	70.6	75.6	78.6	81.7	84.2	84.9	87.2	89.5	89.5	91.2	91.4	92.5	93.6

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	49.5	51.4	51.8	55.1	55.6	56.3	57.4	57.6	57.8	58.2	58.3	58.9	58.9	58.9	58.9
GE 20000	54.5	55.2	57.5	58.1	61.7	62.4	63.3	64.4	65.0	65.3	65.6	65.8	66.4	66.4	66.5	66.5
GE 18000	55.5	56.2	58.5	59.1	62.8	63.5	64.3	65.5	66.1	66.3	66.7	66.9	67.5	67.5	67.6	67.6
GE 16000	55.5	56.2	58.5	59.1	62.8	63.5	64.3	65.5	66.1	66.3	66.7	66.9	67.5	67.5	67.6	67.6
GE 14000	56.4	57.1	59.5	60.1	63.8	64.5	65.4	66.7	67.3	67.5	67.8	68.1	68.7	68.7	68.8	68.8
GE 12000	57.5	58.3	61.1	62.1	66.2	67.0	67.8	69.1	69.7	70.0	70.3	70.6	71.1	71.1	71.3	71.3
GE 10000	58.5	59.4	62.3	63.3	67.6	68.4	69.3	70.6	71.1	71.6	72.0	72.2	72.9	72.9	73.0	73.0
GE 9000	59.2	60.1	63.0	64.0	68.4	69.3	70.1	71.4	72.0	72.4	72.8	73.0	73.7	73.7	73.9	73.9
GE 8000	60.1	60.9	63.8	64.8	69.4	70.2	71.0	72.3	72.9	73.4	73.7	74.0	74.7	74.7	74.8	74.8
GE 7000	60.2	61.0	64.0	65.0	69.6	70.4	71.3	72.6	73.1	73.6	74.0	74.2	74.9	74.9	75.0	75.0
GE 6000	61.0	61.8	64.8	65.8	70.4	71.3	72.1	73.4	74.0	74.4	74.8	75.0	75.7	75.7	75.9	75.9
GE 5000	62.4	63.3	66.3	67.4	72.0	72.8	73.6	74.9	75.5	76.0	76.3	76.6	77.3	77.3	77.4	77.4
GE 4500	62.8	63.7	66.8	67.8	72.6	73.4	74.2	75.5	76.1	76.6	76.9	77.1	77.9	77.9	78.0	78.0
GE 4000	64.5	65.8	69.3	70.4	75.1	76.0	76.8	78.1	78.7	79.2	79.5	79.7	80.4	80.4	80.6	80.6
GE 3500	65.5	66.8	70.7	71.8	76.7	77.6	78.4	79.7	80.3	80.8	81.2	81.4	82.1	82.1	82.2	82.2
GE 3000	68.4	70.0	74.1	75.4	80.3	81.3	82.1	83.6	84.2	84.7	85.0	85.3	86.0	86.0	86.1	86.1
GE 2500	69.1	70.7	74.8	76.1	81.3	82.3	83.2	84.7	85.3	85.7	86.1	86.3	87.0	87.0	87.2	87.2
GE 2000	70.3	71.8	76.1	77.6	83.2	84.3	85.3	86.9	87.8	88.2	88.6	88.8	89.5	89.5	89.6	89.6
GE 1800	70.4	72.0	76.4	78.1	83.6	84.9	85.9	87.5	88.3	88.8	89.2	89.4	90.1	90.1	90.2	90.2
GE 1500	70.7	72.2	77.3	79.0	85.2	86.6	87.5	89.3	90.2	90.8	91.3	91.5	92.2	92.2	92.3	92.3
GE 1200	70.9	72.4	77.5	79.5	85.7	87.3	88.3	90.1	91.0	91.6	92.1	92.3	93.1	93.1	93.2	93.2
GE 1000	71.4	72.9	78.0	80.0	86.5	88.3	89.6	91.4	92.3	92.9	93.5	93.8	94.8	94.8	94.9	94.9
GE 900	71.5	73.1	78.2	80.2	86.7	88.6	89.9	91.8	92.7	93.3	93.9	94.1	95.2	95.2	95.3	95.3
GE 800	71.6	73.3	78.3	80.3	86.9	88.8	90.2	92.2	93.2	93.8	94.3	94.6	95.6	95.6	95.8	95.8
GE 700	71.6	73.3	78.3	80.3	86.9	89.0	90.6	92.7	93.8	94.3	94.9	95.2	96.2	96.2	96.3	96.3
GE 600	71.7	73.5	78.6	80.7	87.4	89.5	91.0	93.2	94.2	94.8	95.4	95.6	96.7	96.7	96.8	96.8
GE 500	71.7	73.5	78.7	80.8	87.6	89.9	91.5	93.6	94.9	95.8	96.5	96.8	97.9	97.9	98.2	98.2
GE 400	71.7	73.5	78.7	80.8	87.6	89.9	91.5	93.6	94.9	95.8	96.5	96.8	98.2	98.2	98.6	98.6
GE 300	71.7	73.5	78.7	80.8	87.6	89.9	91.5	93.6	94.9	95.8	96.5	96.8	98.4	98.4	98.7	98.8
GE 200	71.7	73.5	78.7	80.8	87.6	89.9	91.5	93.6	94.9	95.8	96.5	96.8	98.4	98.5	99.1	100.0
GE 100	71.7	73.5	78.7	80.8	87.6	89.9	91.5	93.6	94.9	95.8	96.5	96.8	98.4	98.5	99.1	100.0
GE 000	71.7	73.5	78.7	80.8	87.6	89.9	91.5	93.6	94.9	95.8	96.5	96.8	98.4	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89

MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.5	53.5	56.5	57.6	60.0	60.1	60.4	60.7	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	58.7	59.8	62.9	64.3	67.6	67.8	68.3	68.7	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	59.5	60.7	63.7	65.1	68.4	68.7	69.1	69.5	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	59.5	60.7	63.7	65.1	68.4	68.7	69.1	69.5	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0
GE 14000	60.5	61.7	64.9	66.3	69.6	70.0	70.4	70.8	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	62.3	63.7	66.9	68.4	71.8	72.2	72.7	73.0	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5
GE 10000	64.8	66.2	69.4	70.9	74.4	74.8	75.5	75.9	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	65.6	67.0	70.2	71.7	75.3	75.6	76.3	76.7	76.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4
GE 8000	66.5	68.0	71.1	72.7	76.2	76.6	77.3	77.6	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3
GE 7000	66.5	68.0	71.1	72.7	76.2	76.6	77.3	77.6	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3
GE 6000	67.0	68.4	71.7	73.4	76.9	77.3	78.0	78.3	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	68.7	70.1	73.5	75.1	78.7	79.0	79.7	80.1	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	69.1	70.8	74.2	75.9	79.4	79.7	80.4	80.8	81.0	81.3	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	71.8	73.5	76.9	78.6	82.1	82.4	83.2	83.5	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	74.2	76.0	79.6	81.5	85.0	85.4	86.2	86.6	86.8	87.0	87.3	87.3	87.3	87.3	87.3	87.3
GE 3000	76.8	78.8	82.9	84.9	88.5	88.8	89.8	90.1	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	78.9	80.9	85.0	87.0	90.7	91.0	92.1	92.5	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	80.0	82.0	86.5	88.7	92.7	93.3	94.3	94.7	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	80.0	82.0	86.5	88.8	92.8	93.4	94.5	94.8	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	80.6	82.7	87.8	90.1	94.2	95.2	96.3	96.7	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	80.8	82.9	88.1	90.5	94.6	95.6	96.9	97.3	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	81.3	83.4	88.6	91.2	95.3	96.6	98.0	98.4	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	81.4	83.5	88.7	91.3	95.5	96.8	98.2	98.6	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	81.6	83.7	88.9	91.5	95.9	97.2	98.6	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	81.6	83.7	88.9	91.5	95.9	97.2	98.6	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	81.6	83.7	88.9	91.5	95.9	97.2	98.6	98.9	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	81.6	83.7	88.9	91.5	95.9	97.2	98.6	98.9	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	81.6	83.7	88.9	91.5	95.9	97.2	98.6	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.6	83.7	88.9	91.5	95.9	97.2	98.6	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.6	83.7	88.9	91.5	95.9	97.2	98.6	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.6	83.7	88.9	91.5	95.9	97.2	98.6	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.6	83.7	88.9	91.5	95.9	97.2	98.6	98.9	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	48.4	53.8	55.6	59.5	59.8	60.2	60.3	60.9	61.2	61.4	61.5	61.5	61.5	61.5	61.5
GE 20000	54.1	56.1	62.0	63.7	68.4	68.9	69.4	69.5	70.3	70.7	70.8	70.9	70.9	70.9	70.9	70.9
GE 18000	55.7	57.7	63.6	65.4	70.1	70.7	71.1	71.3	72.1	72.4	72.6	72.7	72.7	72.7	72.7	72.7
GE 16000	55.8	57.8	63.7	65.5	70.2	70.8	71.3	71.4	72.2	72.6	72.7	72.8	72.8	72.8	72.8	72.8
GE 14000	56.9	58.9	64.9	66.8	72.0	72.6	73.0	73.1	74.0	74.3	74.4	74.6	74.6	74.6	74.6	74.6
GE 12000	58.0	60.2	66.3	68.2	73.4	74.0	74.4	74.6	75.4	75.7	75.9	76.0	76.0	76.0	76.0	76.0
GE 10000	59.0	61.2	67.4	69.3	74.4	75.0	75.6	75.7	76.6	76.9	77.0	77.1	77.1	77.1	77.1	77.1
GE 9000	60.2	62.4	68.6	70.4	75.6	76.2	76.8	76.9	77.7	78.1	78.2	78.3	78.3	78.3	78.3	78.3
GE 8000	61.6	64.0	70.3	72.2	77.4	78.0	78.6	78.7	79.5	79.9	80.0	80.1	80.1	80.1	80.1	80.1
GE 7000	61.7	64.1	70.4	72.3	77.5	78.1	78.7	78.8	79.6	80.0	80.1	80.2	80.2	80.2	80.2	80.2
GE 6000	62.1	64.4	71.1	73.0	78.2	78.8	79.4	79.5	80.3	80.7	80.8	80.9	80.9	80.9	80.9	80.9
GE 5000	63.4	65.7	72.4	74.3	79.5	80.1	80.7	80.8	81.6	82.0	82.1	82.2	82.2	82.2	82.2	82.2
GE 4500	64.4	66.8	73.5	75.4	80.6	81.2	81.7	81.9	82.7	83.2	83.3	83.4	83.4	83.4	83.4	83.4
GE 4000	66.2	68.6	75.3	77.1	82.3	82.9	83.7	83.9	84.7	85.2	85.3	85.4	85.4	85.4	85.4	85.4
GE 3500	67.1	69.5	76.7	78.8	84.2	84.8	85.6	85.7	86.6	87.0	87.2	87.3	87.3	87.3	87.3	87.3
GE 3000	70.2	72.8	80.3	82.4	88.3	88.9	89.8	89.9	90.7	91.2	91.3	91.4	91.4	91.4	91.4	91.4
GE 2500	72.1	74.7	82.4	84.7	90.8	91.6	92.5	92.6	93.4	93.9	94.0	94.1	94.1	94.1	94.1	94.1
GE 2000	72.6	75.3	83.7	86.2	93.3	94.3	95.3	95.4	96.2	96.7	96.8	96.9	96.9	96.9	96.9	96.9
GE 1800	72.6	75.3	83.7	86.2	93.4	94.5	95.4	95.5	96.3	96.8	96.9	97.1	97.1	97.1	97.1	97.1
GE 1500	72.9	75.6	84.1	86.6	94.0	95.2	96.1	96.3	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0
GE 1200	73.1	75.9	84.5	86.9	94.5	95.6	96.6	96.8	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.5
GE 1000	73.1	75.9	84.6	87.2	94.9	96.8	97.8	98.0	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6
GE 900	73.1	75.9	84.6	87.2	94.9	96.8	97.8	98.0	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6
GE 800	73.1	75.9	84.6	87.2	94.9	96.8	97.8	98.0	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6
GE 700	73.1	75.9	84.7	87.3	95.1	96.9	97.9	98.1	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8
GE 600	73.1	75.9	84.7	87.3	95.1	96.9	97.9	98.1	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8
GE 500	73.1	75.9	84.7	87.3	95.1	96.9	97.9	98.1	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8
GE 400	73.1	75.9	84.7	87.3	95.1	97.2	98.1	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	73.1	75.9	84.7	87.3	95.1	97.2	98.1	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	73.1	75.9	84.7	87.3	95.1	97.2	98.1	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	73.1	75.9	84.7	87.3	95.1	97.2	98.1	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	73.1	75.9	84.7	87.3	95.1	97.2	98.1	98.4	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	49.6	51.4	57.1	60.1	64.9	65.8	66.3	66.5	66.9	67.7	68.0	68.0	68.0	68.0	68.0
GE 20000	53.2	55.0	61.2	64.5	70.1	71.0	71.5	71.7	72.1	73.3	73.5	73.5	73.5	73.5	73.5
GE 18000	54.2	56.2	62.4	66.0	71.5	72.4	72.9	73.1	73.5	74.7	74.9	74.9	74.9	74.9	74.9
GE 16000	54.2	56.2	62.7	66.3	71.8	72.8	73.3	73.5	73.9	75.0	75.3	75.3	75.3	75.3	75.3
GE 14000	55.8	57.8	64.3	68.0	74.0	74.9	75.6	75.9	76.2	77.4	77.6	77.6	77.6	77.6	77.6
GE 12000	56.7	58.7	65.1	68.8	74.8	75.7	76.4	76.7	77.0	78.2	78.4	78.4	78.4	78.4	78.4
GE 10000	59.0	61.0	67.5	71.1	77.1	78.2	78.9	79.2	79.5	80.7	80.9	80.9	80.9	80.9	80.9
GE 9000	59.6	61.6	68.1	71.7	77.9	78.9	79.6	79.9	80.2	81.4	81.6	81.6	81.6	81.6	81.6
GE 8000	61.2	63.3	70.1	73.7	79.9	80.9	81.6	81.9	82.2	83.4	83.6	83.6	83.6	83.6	83.6
GE 7000	61.7	63.7	70.6	74.2	80.3	81.4	82.1	82.3	82.7	83.9	84.1	84.1	84.1	84.1	84.1
GE 6000	62.4	64.4	71.6	75.3	81.4	82.4	83.2	83.4	83.7	84.9	85.2	85.2	85.2	85.2	85.2
GE 5000	64.1	66.1	73.4	77.0	83.2	84.2	84.9	85.2	85.5	86.7	86.9	86.9	86.9	86.9	86.9
GE 4500	64.4	66.4	73.7	77.4	83.6	84.7	85.4	85.6	86.0	87.4	87.6	87.6	87.6	87.6	87.6
GE 4000	66.4	68.4	75.9	79.6	86.0	87.0	87.8	88.0	88.3	89.8	90.0	90.0	90.0	90.0	90.0
GE 3500	67.6	69.7	77.1	80.9	87.5	88.6	89.3	89.5	89.9	91.3	91.5	91.5	91.5	91.5	91.5
GE 3000	69.0	71.3	78.8	82.6	89.3	90.3	91.0	91.3	91.6	93.1	93.3	93.3	93.3	93.3	93.3
GE 2500	69.6	72.1	79.9	83.7	91.3	92.3	93.1	93.3	93.6	95.1	95.3	95.3	95.3	95.3	95.3
GE 2000	70.1	72.5	80.3	84.2	91.9	93.1	93.9	94.1	94.5	95.9	96.1	96.1	96.1	96.1	96.1
GE 1800	70.2	72.8	80.7	84.8	92.5	93.8	94.6	94.8	95.2	96.6	96.8	96.8	96.8	96.8	96.8
GE 1500	70.4	73.0	80.9	85.0	93.1	94.6	95.4	95.6	96.0	97.4	97.6	97.6	97.6	97.6	97.6
GE 1200	70.6	73.1	81.0	85.2	93.3	94.8	95.6	95.9	96.2	97.6	97.9	97.9	97.9	97.9	97.9
GE 1000	70.9	73.5	81.4	85.5	94.1	95.8	96.6	96.8	97.2	98.6	98.8	98.8	98.8	98.8	98.8
GE 900	70.9	73.5	81.5	85.6	94.2	95.9	96.7	96.9	97.3	98.7	98.9	98.9	98.9	98.9	98.9
GE 800	70.9	73.5	81.6	85.7	94.3	96.0	96.8	97.1	97.4	98.8	99.1	99.1	99.1	99.1	99.1
GE 700	70.9	73.5	81.7	85.9	94.5	96.1	97.1	97.3	97.6	99.1	99.3	99.3	99.3	99.3	99.3
GE 600	70.9	73.5	81.7	85.9	94.5	96.1	97.1	97.4	97.8	99.2	99.4	99.4	99.4	99.4	99.4
GE 500	70.9	73.5	81.7	85.9	94.5	96.1	97.2	97.5	97.9	99.3	99.5	99.5	99.5	99.5	99.5
GE 400	70.9	73.5	81.7	85.9	94.5	96.1	97.2	97.6	98.0	99.4	99.6	99.6	99.6	99.6	99.6
GE 300	71.1	73.7	82.0	86.1	94.7	96.3	97.4	97.9	98.2	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	71.1	73.7	82.0	86.1	94.7	96.3	97.4	97.9	98.2	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	71.1	73.7	82.0	86.1	94.7	96.3	97.4	97.9	98.2	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	71.1	73.7	82.0	86.1	94.7	96.3	97.4	97.9	98.2	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	51.7	56.8	60.0	64.0	64.4	65.8	66.2	66.5	67.4	68.1	68.1	68.1	68.1	68.2	68.2
GE 20000	53.2	54.3	59.7	63.4	68.2	68.8	70.2	70.6	71.0	72.2	72.9	72.9	73.0	73.0	73.1	73.1
GE 18000	53.9	55.1	60.5	64.2	69.0	69.6	71.0	71.4	71.8	73.0	73.7	73.7	73.9	73.9	74.0	74.0
GE 16000	53.9	55.1	60.5	64.2	69.0	69.6	71.0	71.4	71.8	73.0	73.7	73.7	73.9	73.9	74.0	74.0
GE 14000	54.8	55.9	61.4	65.0	70.2	70.8	72.2	72.6	73.0	74.2	74.9	74.9	75.0	75.0	75.1	75.1
GE 12000	55.7	56.9	62.3	66.0	71.1	71.7	73.1	73.5	74.0	75.1	75.9	75.9	76.0	76.0	76.1	76.1
GE 10000	57.8	59.0	64.5	68.2	73.4	74.0	75.4	75.7	76.2	77.4	78.1	78.1	78.2	78.2	78.3	78.3
GE 9000	57.8	59.0	64.5	68.2	73.4	74.0	75.4	75.7	76.2	77.4	78.1	78.1	78.2	78.2	78.3	78.3
GE 8000	60.3	61.5	67.1	70.8	76.2	76.8	78.2	78.6	79.0	80.2	80.9	80.9	81.0	81.0	81.2	81.2
GE 7000	60.8	62.0	67.6	71.3	76.7	77.3	78.7	79.0	79.5	80.7	81.4	81.4	81.5	81.5	81.6	81.6
GE 6000	61.4	62.5	68.3	72.0	77.4	78.0	79.4	79.7	80.2	81.4	82.1	82.1	82.2	82.2	82.3	82.3
GE 5000	62.9	64.1	69.8	73.5	78.9	79.5	80.9	81.3	81.7	82.9	83.6	83.6	83.7	83.7	83.9	83.9
GE 4500	63.5	64.7	70.4	74.1	79.5	80.1	81.5	81.9	82.3	83.5	84.2	84.2	84.3	84.3	84.5	84.5
GE 4000	64.5	65.7	71.6	75.4	81.0	81.6	83.0	83.4	83.9	85.0	85.7	85.7	85.9	85.9	86.0	86.0
GE 3500	65.1	66.3	72.2	76.1	82.1	82.8	84.2	84.6	85.0	86.2	86.9	86.9	87.0	87.0	87.2	87.2
GE 3000	67.0	68.4	74.4	78.6	85.2	85.9	87.3	87.6	88.1	89.3	90.0	90.0	90.1	90.1	90.2	90.2
GE 2500	67.7	69.1	76.0	80.2	87.0	88.0	89.5	89.9	90.3	91.5	92.2	92.2	92.3	92.3	92.5	92.5
GE 2000	68.4	69.8	76.9	81.3	88.2	89.2	90.7	91.0	91.5	92.7	93.4	93.4	93.5	93.5	93.6	93.6
GE 1800	68.4	70.0	77.0	81.4	88.3	89.3	90.8	91.2	91.6	92.8	93.5	93.5	93.6	93.6	93.8	93.8
GE 1500	69.0	70.6	77.7	82.1	89.3	90.2	91.9	92.2	92.7	94.1	94.8	94.8	95.1	95.1	95.2	95.2
GE 1200	69.0	70.6	77.7	82.1	89.9	90.9	92.6	92.9	93.4	94.9	95.6	95.6	95.9	95.9	96.0	96.0
GE 1000	69.1	70.7	78.1	82.4	90.2	91.6	93.4	93.8	94.2	95.8	96.5	96.5	96.7	96.7	96.8	96.8
GE 900	69.1	70.7	78.2	82.6	90.6	92.0	93.8	94.1	94.6	96.1	96.8	96.8	97.1	97.1	97.2	97.2
GE 800	69.1	70.7	78.2	82.6	90.6	92.1	94.0	94.3	94.8	96.3	97.1	97.1	97.3	97.3	97.4	97.4
GE 700	69.1	70.7	78.2	82.7	90.8	92.3	94.2	94.6	95.1	96.6	97.3	97.3	97.5	97.5	97.6	97.6
GE 600	69.1	70.7	78.2	82.7	90.8	92.3	94.2	94.6	95.1	96.6	97.3	97.3	97.5	97.5	97.6	97.6
GE 500	69.1	70.7	78.2	82.8	90.9	92.5	94.7	95.1	95.5	97.1	97.9	97.9	98.2	98.2	98.4	98.4
GE 400	69.1	70.7	78.2	82.8	90.9	92.5	94.8	95.2	95.6	97.2	98.0	98.0	98.4	98.4	98.5	98.5
GE 300	69.1	70.7	78.2	82.8	90.9	92.5	94.8	95.2	95.6	97.2	98.0	98.0	98.5	98.5	98.6	98.7
GE 200	69.1	70.7	78.2	82.8	90.9	92.5	94.8	95.2	95.6	97.2	98.1	98.1	98.7	98.7	99.1	99.5
GE 100	69.1	70.7	78.2	82.8	90.9	92.5	94.8	95.2	95.6	97.2	98.1	98.1	98.7	98.8	99.2	99.8
GE 000	69.1	70.7	78.2	82.8	90.9	92.5	94.8	95.2	95.6	97.2	98.1	98.1	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	48.5	49.7	53.2	54.9	58.4	59.0	59.8	60.4	60.6	61.3	61.6	61.7	62.0	62.1	62.4
GE 20000	53.0	54.3	58.1	60.0	64.0	64.7	65.6	66.2	66.5	67.3	67.7	67.8	68.2	68.3	68.6
GE 18000	53.9	55.3	59.1	61.1	65.1	65.8	66.8	67.3	67.7	68.5	68.9	68.9	69.3	69.5	69.8
GE 16000	54.0	55.3	59.2	61.1	65.1	65.9	66.8	67.4	67.7	68.5	68.9	69.0	69.4	69.5	69.8
GE 14000	54.8	56.2	60.1	62.1	66.2	67.0	68.0	68.6	68.9	69.7	70.1	70.2	70.6	70.7	71.0
GE 12000	55.9	57.3	61.3	63.4	67.7	68.5	69.5	70.1	70.4	71.2	71.6	71.7	72.1	72.2	72.5
GE 10000	57.4	58.9	62.9	65.1	69.5	70.3	71.3	71.9	72.5	73.1	73.5	73.6	74.0	74.1	74.4
GE 9000	57.9	59.3	63.4	65.6	70.0	70.8	71.8	72.4	72.8	73.6	74.0	74.1	74.5	74.6	74.9
GE 8000	59.0	60.5	64.7	66.9	71.4	72.2	73.3	73.9	74.2	75.0	75.5	75.5	75.9	76.1	76.4
GE 7000	59.2	60.7	64.9	67.1	71.6	72.4	73.5	74.1	74.4	75.3	75.7	75.7	76.1	76.3	76.6
GE 6000	59.6	61.1	65.4	67.7	72.1	72.9	74.1	74.6	75.0	75.8	76.2	76.3	76.7	76.8	77.1
GE 5000	60.8	62.2	66.6	68.9	73.4	74.1	75.3	75.9	76.2	77.0	77.5	77.5	77.9	78.1	78.4
GE 4500	61.5	63.0	67.4	69.6	74.1	74.9	76.1	76.6	77.0	77.9	78.3	78.3	78.8	78.9	79.2
GE 4000	63.1	64.6	69.2	71.5	76.1	76.9	78.0	78.6	79.0	79.8	80.3	80.3	80.7	80.9	81.2
GE 3500	64.4	66.0	70.7	73.1	78.0	78.8	80.0	80.6	81.0	81.8	82.3	82.3	82.7	82.9	83.2
GE 3000	66.4	68.2	73.3	75.8	81.0	81.9	83.1	83.7	84.1	85.0	85.4	85.4	85.9	86.0	86.3
GE 2500	67.6	69.4	74.8	77.5	83.0	84.0	85.4	86.0	86.4	87.3	87.8	87.8	88.2	88.4	88.7
GE 2000	68.2	70.1	75.6	78.5	84.4	85.6	87.1	87.7	88.1	89.1	89.5	89.5	90.0	90.1	90.4
GE 1800	68.3	70.2	75.8	78.8	84.8	86.0	87.5	88.1	88.5	89.5	89.9	90.0	90.4	90.5	90.8
GE 1500	68.7	70.6	76.4	79.5	85.9	87.3	88.9	89.6	90.0	91.0	91.5	91.6	92.0	92.2	92.5
GE 1200	68.8	70.7	76.6	79.8	86.4	87.8	89.5	90.2	90.6	91.6	92.2	92.2	92.7	92.8	93.1
GE 1000	69.2	71.1	77.1	80.3	87.2	88.9	90.8	91.6	92.0	93.1	93.7	93.7	94.2	94.3	94.6
GE 900	69.3	71.2	77.3	80.5	87.5	89.2	91.1	91.9	92.4	93.4	94.0	94.1	94.6	94.7	95.0
GE 800	69.3	71.3	77.4	80.6	87.6	89.4	91.3	92.2	92.7	93.8	94.4	94.4	94.9	95.1	95.4
GE 700	69.4	71.3	77.4	80.6	87.7	89.6	91.6	92.5	93.0	94.1	94.7	94.8	95.3	95.4	95.7
GE 600	69.4	71.3	77.4	80.7	87.8	89.7	91.7	92.7	93.2	94.3	95.0	95.0	95.5	95.7	96.0
GE 500	69.4	71.3	77.4	80.7	87.9	89.8	92.0	93.1	93.6	94.8	95.6	95.7	96.2	96.4	96.7
GE 400	69.4	71.3	77.4	80.7	87.9	89.8	92.1	93.3	93.9	95.2	96.0	96.0	96.7	96.8	97.2
GE 300	69.4	71.3	77.5	80.8	87.9	89.9	92.2	93.5	94.0	95.3	96.1	96.2	96.9	97.1	97.5
GE 200	69.4	71.3	77.5	80.8	87.9	89.9	92.2	93.5	94.0	95.4	96.2	96.3	97.1	97.2	97.6
GE 100	69.4	71.3	77.5	80.8	87.9	89.9	92.2	93.5	94.0	95.4	96.2	96.3	97.1	97.3	97.7
GE 000	69.4	71.3	77.5	80.8	87.9	89.9	92.2	93.5	94.0	95.4	96.2	96.3	97.1	97.5	97.9

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	46.5	49.8	52.2	55.9	57.1	58.5	58.9	59.0	59.9	60.1	60.1	60.2	60.4	60.8	61.3
GE 20000	46.0	47.3	50.9	53.3	57.2	58.4	59.8	60.2	60.3	61.2	61.4	61.4	61.5	61.7	62.0	62.6
GE 18000	46.1	47.4	51.0	53.4	57.3	58.5	59.9	60.3	60.4	61.3	61.5	61.5	61.6	61.8	62.2	62.7
GE 16000	46.3	47.6	51.2	53.7	57.5	58.7	60.1	60.5	60.6	61.5	61.7	61.7	61.8	62.0	62.4	62.9
GE 14000	47.6	48.9	52.5	54.9	58.8	60.0	61.4	61.8	61.9	62.8	63.0	63.0	63.1	63.3	63.7	64.2
GE 12000	48.1	49.7	53.2	55.8	59.9	61.1	62.5	62.9	63.0	63.9	64.1	64.1	64.2	64.4	64.7	65.3
GE 10000	48.9	50.5	54.1	56.7	60.8	61.9	63.3	63.8	63.9	64.7	64.9	64.9	65.1	65.3	65.6	66.1
GE 9000	49.0	50.6	54.2	56.8	60.9	62.0	63.4	63.9	64.0	64.8	65.1	65.1	65.2	65.4	65.7	66.2
GE 8000	49.6	51.2	54.7	57.3	61.4	62.6	64.0	64.4	64.5	65.4	65.6	65.6	65.7	65.9	66.2	66.8
GE 7000	49.6	51.2	54.7	57.3	61.4	62.6	64.0	64.4	64.5	65.4	65.6	65.6	65.7	65.9	66.2	66.8
GE 6000	49.7	51.3	54.8	57.4	61.6	62.8	64.2	64.6	64.7	65.6	65.8	65.8	65.9	66.1	66.5	67.0
GE 5000	50.5	52.2	55.7	58.3	62.7	63.9	65.3	65.7	65.8	66.7	66.9	66.9	67.0	67.2	67.5	68.1
GE 4500	51.3	52.9	56.8	59.5	64.0	65.3	66.7	67.1	67.2	68.1	68.3	68.3	68.4	68.6	68.9	69.5
GE 4000	53.3	54.9	58.8	61.6	66.1	67.4	68.8	69.2	69.4	70.2	70.4	70.4	70.5	70.8	71.1	71.6
GE 3500	55.2	56.9	61.0	63.8	68.4	69.8	71.2	71.6	71.7	72.6	72.8	72.8	72.9	73.1	73.4	74.0
GE 3000	59.0	60.8	65.6	68.7	74.5	75.9	77.3	77.8	78.0	78.8	79.0	79.0	79.1	79.4	79.7	80.2
GE 2500	61.2	63.1	68.3	71.4	77.4	78.8	80.4	81.0	81.1	81.9	82.2	82.2	82.3	82.5	82.8	83.3
GE 2000	62.4	64.3	70.1	73.4	79.9	81.3	83.3	83.9	84.0	84.8	85.1	85.1	85.2	85.4	85.7	86.2
GE 1800	62.7	64.6	70.5	73.9	80.6	82.3	84.3	84.9	85.1	85.9	86.1	86.1	86.2	86.5	86.8	87.3
GE 1500	63.7	65.6	71.7	75.5	82.4	84.1	86.3	87.1	87.2	88.1	88.3	88.3	88.4	88.6	89.0	89.6
GE 1200	64.0	65.9	72.3	76.1	83.2	85.1	87.6	88.4	88.5	89.4	89.6	89.6	89.7	89.9	90.3	90.9
GE 1000	64.8	66.8	73.2	77.2	84.6	86.6	89.4	90.2	90.5	91.5	91.7	91.7	91.8	92.0	92.5	93.0
GE 900	64.8	66.8	73.2	77.2	84.6	86.6	89.4	90.2	90.5	91.5	91.7	91.7	91.8	92.0	92.5	93.0
GE 800	64.8	66.8	73.2	77.2	84.6	86.7	89.5	90.4	90.9	91.8	92.0	92.0	92.2	92.4	92.8	93.3
GE 700	65.1	67.0	73.4	77.4	84.8	87.1	89.9	90.9	91.5	92.5	93.0	93.0	93.1	93.3	93.8	94.3
GE 600	65.1	67.0	73.4	77.4	84.8	87.1	90.0	91.1	91.8	92.8	93.3	93.3	93.4	93.7	94.1	94.6
GE 500	65.1	67.0	73.4	77.4	84.8	87.2	90.2	91.4	92.2	93.3	93.9	93.9	94.0	94.2	94.6	95.5
GE 400	65.2	67.1	73.7	77.7	85.5	88.1	91.1	92.5	93.2	94.4	95.1	95.1	95.3	95.5	96.0	96.9
GE 300	65.2	67.1	73.7	77.7	85.5	88.1	91.1	92.5	93.2	94.5	95.2	95.2	95.6	95.8	96.5	97.7
GE 200	65.2	67.1	73.7	77.7	85.5	88.1	91.2	92.6	93.3	94.6	95.3	95.3	95.9	96.2	97.2	99.2
GE 100	65.2	67.1	73.7	77.7	85.5	88.1	91.2	92.6	93.3	94.6	95.3	95.3	95.9	96.2	97.2	99.8
GE 000	65.2	67.1	73.7	77.7	85.5	88.1	91.2	92.6	93.3	94.6	95.3	95.3	95.9	96.2	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.8	41.3	44.6	46.8	50.8	51.9	54.0	55.9	56.5	57.5	58.0	58.1	59.0	59.1	59.6	60.0
GE 20000	41.1	41.6	45.2	47.6	51.6	52.9	54.9	56.9	57.5	58.6	59.0	59.1	60.1	60.2	60.6	60.7
GE 18000	41.1	41.6	45.2	47.6	51.6	52.9	54.9	56.9	57.5	58.6	59.0	59.1	60.1	60.2	60.6	60.7
GE 16000	41.3	41.8	45.4	47.8	51.8	53.1	55.4	57.3	58.0	59.0	59.5	59.6	60.5	60.6	61.1	61.2
GE 14000	41.8	42.4	46.0	48.5	52.5	53.8	56.0	58.0	58.6	59.7	60.1	60.2	61.2	61.3	61.7	62.0
GE 12000	42.5	43.1	47.0	49.6	53.5	54.8	57.1	59.0	59.7	60.8	61.2	61.3	62.3	62.4	62.8	63.0
GE 10000	43.0	43.9	47.8	50.4	54.4	55.7	58.0	59.9	60.5	61.6	62.0	62.2	63.1	63.2	63.7	64.0
GE 9000	43.1	44.0	48.0	50.5	54.5	55.8	58.1	60.0	60.6	61.7	62.2	62.3	63.2	63.3	63.8	64.0
GE 8000	43.8	44.6	48.6	51.2	55.2	56.5	58.8	60.8	61.4	62.5	62.9	63.0	64.0	64.1	64.5	64.8
GE 7000	43.8	44.6	48.6	51.2	55.2	56.5	58.8	60.9	61.5	62.6	63.0	63.1	64.1	64.2	64.6	64.8
GE 6000	43.8	44.6	48.6	51.2	55.2	56.5	58.8	60.9	61.5	62.6	63.0	63.1	64.1	64.2	64.6	64.8
GE 5000	44.1	44.9	48.9	51.5	55.6	56.9	59.2	61.3	61.9	63.0	63.4	63.5	64.5	64.6	65.1	65.2
GE 4500	44.4	45.3	49.4	51.9	56.2	57.5	59.9	61.9	62.6	63.7	64.1	64.2	65.2	65.3	65.7	65.8
GE 4000	46.2	47.1	51.4	54.0	58.3	59.6	61.9	64.0	64.6	65.8	66.2	66.3	67.3	67.4	67.8	68.0
GE 3500	47.7	48.6	53.2	55.8	60.2	61.5	63.9	65.9	66.6	67.7	68.2	68.3	69.2	69.4	69.8	70.0
GE 3000	50.1	51.1	56.1	58.7	63.4	65.1	67.5	69.6	70.2	71.4	71.8	71.9	73.0	73.1	73.5	73.8
GE 2500	52.4	53.4	58.8	61.5	66.8	68.4	71.3	73.3	74.0	75.2	75.6	75.7	76.8	76.9	77.3	77.6
GE 2000	52.7	53.8	59.5	62.3	68.1	69.9	72.9	74.9	75.6	76.8	77.2	77.3	78.5	78.6	79.0	79.2
GE 1800	53.1	54.3	60.0	62.9	68.8	71.0	74.0	76.0	76.7	77.8	78.3	78.4	79.6	79.7	80.1	80.3
GE 1500	54.2	55.6	61.4	64.5	71.3	73.4	76.8	78.9	79.6	80.9	81.3	81.4	82.6	82.7	83.1	83.3
GE 1200	54.3	55.7	61.7	65.2	72.6	74.7	78.6	80.8	81.7	83.1	83.5	83.7	84.8	84.9	85.3	85.5
GE 1000	54.6	56.0	62.2	66.3	74.2	76.6	80.6	83.0	84.1	85.5	85.9	86.0	87.2	87.3	87.7	87.9
GE 900	54.8	56.2	62.6	66.8	74.7	77.2	81.3	83.7	84.7	86.1	86.6	86.7	87.8	88.0	88.4	88.6
GE 800	55.3	56.7	63.0	67.2	75.2	77.6	81.7	84.1	85.2	86.7	87.2	87.3	88.5	88.6	89.0	89.2
GE 700	55.4	56.8	63.1	67.3	75.5	78.3	82.6	85.1	86.2	87.7	88.3	88.4	89.7	89.8	90.2	90.4
GE 600	55.4	56.8	63.1	67.3	75.5	78.5	82.9	85.4	86.6	88.2	88.7	88.8	90.2	90.3	90.8	91.0
GE 500	55.4	56.8	63.1	67.4	75.7	78.7	83.4	85.9	87.5	89.2	89.8	89.9	91.4	91.5	91.9	92.1
GE 400	55.4	56.8	63.1	67.4	75.8	78.9	83.9	86.3	88.1	89.9	90.4	90.6	92.2	92.3	92.9	93.1
GE 300	55.4	56.8	63.1	67.4	75.8	78.9	83.9	86.5	88.3	90.2	90.8	91.0	92.7	93.0	94.3	94.5
GE 200	55.4	56.8	63.1	67.4	75.9	79.0	84.0	86.6	88.4	90.3	91.0	91.2	93.0	93.3	94.1	94.3
GE 100	55.4	56.8	63.1	67.4	75.9	79.0	84.0	86.6	88.4	90.3	91.0	91.3	93.1	93.4	94.2	94.5
GE 000	55.4	56.8	63.1	67.4	75.9	79.0	84.0	86.6	88.4	90.3	91.0	91.3	93.1	93.4	94.2	94.5

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 06-08

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VIS 2 1/2	TY IN STATUTE MILES GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.3	36.7	38.6	39.1	42.7	44.0	46.0	49.0	50.0	52.0	52.8	52.9	53.5	53.8	54.5	55.7
GE 20000	38.7	39.0	41.0	41.6	45.6	46.9	48.9	52.0	53.0	55.3	56.0	56.1	56.8	57.0	57.8	59.0
GE 18000	38.7	39.0	41.0	41.6	45.6	46.9	48.9	52.0	53.0	55.4	56.1	56.2	56.9	57.1	58.0	59.1
GE 16000	38.7	39.0	41.0	41.6	45.6	46.9	48.9	52.0	53.0	55.4	56.1	56.3	57.1	57.3	58.2	59.4
GE 14000	39.2	39.6	41.7	42.4	46.3	47.7	50.1	53.3	54.3	56.7	57.4	57.6	58.4	58.6	59.5	60.6
GE 12000	40.0	40.3	42.6	43.2	47.5	49.0	51.4	54.7	55.7	58.1	58.8	59.0	59.8	60.0	60.9	62.0
GE 10000	40.6	41.0	43.5	44.2	48.7	50.2	52.6	55.9	56.9	59.2	60.0	60.2	61.0	61.2	62.0	63.2
GE 9000	41.0	41.3	44.1	44.7	49.2	50.8	53.1	56.5	57.4	59.8	60.5	60.8	61.5	61.7	62.6	63.8
GE 8000	41.4	41.7	44.6	45.3	49.9	51.4	53.8	57.1	58.1	60.4	61.2	61.4	62.2	62.4	63.2	64.4
GE 7000	41.8	42.2	45.3	45.9	50.5	52.0	54.4	57.7	58.7	61.1	61.8	62.0	62.8	63.0	63.9	65.1
GE 6000	42.0	42.4	45.5	46.1	50.8	52.3	54.6	58.0	58.9	61.3	62.0	62.3	63.0	63.2	64.1	65.3
GE 5000	42.2	42.5	45.6	46.2	50.9	52.5	54.8	58.3	59.2	61.6	62.4	62.6	63.3	63.5	64.4	65.6
GE 4500	42.4	42.9	46.1	46.8	51.5	53.3	55.7	59.2	60.2	62.6	63.3	63.5	64.3	64.5	65.4	66.6
GE 4000	43.8	44.3	47.7	48.4	53.5	55.4	57.7	61.3	62.3	64.6	65.4	65.6	66.3	66.6	67.4	68.6
GE 3500	45.8	46.3	50.0	50.8	56.2	58.1	60.4	64.1	65.1	67.5	68.3	68.5	69.2	69.5	70.2	71.5
GE 3000	48.6	49.2	53.0	53.8	59.8	61.7	64.2	68.0	69.0	71.5	72.3	72.5	73.2	73.4	74.3	75.5
GE 2500	49.9	50.5	54.8	56.8	63.1	65.4	68.1	72.0	73.1	75.6	76.3	76.6	77.3	77.5	78.4	79.6
GE 2000	50.6	51.3	55.8	58.0	64.9	67.3	70.2	74.4	75.5	78.0	78.7	78.9	79.7	79.9	80.8	82.0
GE 1800	50.6	51.3	55.8	58.0	65.1	67.4	70.5	74.7	75.8	78.4	79.1	79.5	80.2	80.4	81.3	82.7
GE 1500	50.8	51.4	56.0	58.5	65.9	68.7	71.9	77.0	78.3	81.0	81.7	82.0	82.9	83.1	84.0	85.4
GE 1200	50.9	51.5	56.2	59.0	67.1	70.1	73.7	78.9	80.4	83.1	84.0	84.3	85.2	85.4	86.2	87.6
GE 1000	51.0	51.6	56.6	59.4	67.5	70.9	74.4	79.8	81.6	84.4	85.4	85.7	86.6	86.8	87.6	89.0
GE 900	51.4	52.0	57.0	59.9	68.3	71.7	75.4	80.8	82.7	85.6	86.6	86.9	87.7	88.0	88.8	90.2
GE 800	51.4	52.0	57.1	60.0	68.4	71.9	75.7	81.2	83.1	86.0	87.0	87.3	88.3	88.5	89.5	90.9
GE 700	51.4	52.0	57.1	60.0	68.6	72.2	76.2	81.8	84.2	87.1	88.1	88.4	89.5	89.7	90.6	92.0
GE 600	51.4	52.0	57.1	60.0	68.6	72.2	76.2	81.9	84.4	87.5	88.7	89.0	90.1	90.3	91.3	92.7
GE 500	51.4	52.0	57.1	60.0	68.8	72.4	76.7	82.4	84.9	88.4	89.8	90.1	91.4	91.6	92.7	94.3
GE 400	51.4	52.0	57.1	60.0	68.8	72.4	76.7	82.6	85.3	88.8	90.2	90.5	91.9	92.2	93.3	95.3
GE 300	51.4	52.0	57.1	60.0	68.8	72.4	76.7	82.6	85.3	88.8	90.3	90.6	92.2	92.5	93.8	96.2
GE 200	51.4	52.0	57.1	60.0	68.8	72.4	76.7	82.6	85.3	88.8	90.3	90.6	92.2	92.8	94.2	98.2
GE 100	51.4	52.0	57.1	60.0	68.8	72.4	76.7	82.6	85.3	88.8	90.3	90.6	92.2	92.8	94.2	99.6
GE 000	51.4	52.0	57.1	60.0	68.8	72.4	76.7	82.6	85.3	88.8	90.3	90.6	92.2	92.8	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	45.9	46.8	50.0	51.7	55.4	57.6	58.6	59.2	59.6	59.8	60.1	60.4	60.6	60.6	60.6
GE 20000	49.4	50.2	53.7	55.5	59.4	61.8	62.8	63.5	63.9	64.1	64.4	64.7	64.9	64.9	65.1
GE 18000	49.6	50.4	53.9	55.7	59.6	62.0	63.0	63.8	64.1	64.3	64.6	64.9	65.2	65.2	65.3
GE 16000	49.7	50.5	54.0	55.8	59.7	62.2	63.1	64.0	64.4	64.6	64.9	65.3	65.5	65.5	65.6
GE 14000	50.4	51.3	54.8	56.7	60.5	63.1	64.1	64.9	65.4	65.6	65.9	66.2	66.5	66.5	66.6
GE 12000	51.2	52.2	55.9	57.8	62.3	64.8	65.8	66.7	67.1	67.3	67.6	68.0	68.2	68.2	68.3
GE 10000	51.5	52.5	56.3	58.4	63.0	65.6	66.6	67.4	67.8	68.1	68.4	68.7	68.9	68.9	69.0
GE 9000	51.5	52.5	56.3	58.4	63.0	65.6	66.6	67.4	67.8	68.1	68.4	68.7	68.9	68.9	69.0
GE 8000	52.3	53.2	57.1	59.1	63.9	66.5	67.4	68.3	68.7	68.9	69.2	69.6	69.8	69.8	69.9
GE 7000	52.8	53.8	57.6	59.8	64.5	67.1	68.1	68.9	69.4	69.6	69.9	70.2	70.4	70.4	70.5
GE 6000	53.5	54.5	58.4	60.5	65.3	67.8	68.8	69.7	70.1	70.3	70.6	71.0	71.2	71.2	71.3
GE 5000	53.8	54.7	58.8	61.1	65.9	68.5	69.5	70.3	70.8	71.0	71.3	71.6	71.8	71.8	71.9
GE 4500	54.1	55.3	59.4	61.6	66.5	69.0	70.0	70.9	71.3	71.5	71.8	72.2	72.4	72.4	72.5
GE 4000	56.0	57.2	61.5	63.9	68.8	71.4	72.4	73.2	73.7	73.9	74.2	74.5	74.7	74.7	74.8
GE 3500	58.7	59.9	64.4	67.2	72.3	75.1	76.1	77.0	77.4	77.6	78.0	78.3	78.6	78.6	78.7
GE 3000	62.4	63.8	68.6	71.8	77.1	79.9	81.2	82.2	82.6	82.8	83.1	83.4	83.8	83.8	83.9
GE 2500	64.5	66.0	71.3	74.5	80.4	83.3	84.8	85.8	86.2	86.5	86.8	87.1	87.4	87.4	87.5
GE 2000	66.1	67.7	73.5	76.8	82.7	85.9	87.6	88.6	89.1	89.4	89.7	90.0	90.3	90.3	90.4
GE 1800	66.3	68.0	73.8	77.0	83.0	86.5	88.2	89.1	89.8	90.0	90.3	90.6	91.0	91.0	91.1
GE 1500	67.3	68.9	74.8	78.3	84.6	88.2	90.2	91.3	91.9	92.2	92.5	92.8	93.1	93.1	93.2
GE 1200	68.0	69.6	75.6	79.0	85.7	89.7	91.9	93.2	93.9	94.2	94.5	94.8	95.2	95.2	95.3
GE 1000	68.5	70.1	76.3	79.9	86.9	90.9	93.1	94.7	95.4	96.0	96.3	96.7	97.0	97.0	97.1
GE 900	68.6	70.2	76.5	80.0	87.0	91.1	93.4	95.1	95.7	96.3	96.7	97.0	97.4	97.4	97.5
GE 800	68.8	70.4	76.7	80.2	87.2	91.3	93.7	95.3	95.9	96.6	96.9	97.2	97.7	97.7	97.8
GE 700	68.8	70.4	76.7	80.2	87.5	91.7	94.1	95.9	96.6	97.2	97.5	97.8	98.4	98.4	98.5
GE 600	68.8	70.4	76.7	80.2	87.5	91.7	94.2	96.0	96.7	97.4	97.7	98.1	98.6	98.6	98.7
GE 500	68.8	70.4	76.7	80.2	87.5	91.7	94.2	96.1	96.8	97.5	98.0	98.3	98.8	98.8	98.9
GE 400	68.8	70.4	76.7	80.2	87.5	91.7	94.2	96.1	96.8	97.5	98.0	98.4	99.1	99.1	99.4
GE 300	68.8	70.4	76.7	80.2	87.5	91.7	94.2	96.1	96.8	97.5	98.0	98.4	99.2	99.2	99.5
GE 200	68.8	70.4	76.7	80.2	87.5	91.7	94.2	96.1	96.8	97.5	98.0	98.4	99.2	99.2	99.5
GE 100	68.8	70.4	76.7	80.2	87.5	91.7	94.2	96.1	96.8	97.5	98.0	98.4	99.2	99.2	99.5
GE 000	68.8	70.4	76.7	80.2	87.5	91.7	94.2	96.1	96.8	97.5	98.0	98.4	99.2	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.8	49.6	52.4	54.7	58.6	59.8	60.3	60.4	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000	52.2	53.9	57.2	59.6	63.9	65.1	65.8	65.9	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	52.8	54.5	57.8	60.2	64.5	65.7	66.5	66.6	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	53.0	54.7	58.1	60.4	64.7	65.9	66.7	66.8	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	53.8	55.5	58.8	61.2	65.5	66.7	67.4	67.6	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6
GE 12500	54.4	56.1	59.5	61.8	66.1	67.3	68.1	68.3	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	55.6	57.3	60.6	63.0	67.4	68.6	69.4	69.7	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	56.0	57.7	61.1	63.5	68.0	69.1	69.9	70.2	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	56.9	58.6	62.2	64.6	69.1	70.3	71.1	71.4	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	57.4	59.2	62.8	65.3	69.8	71.0	71.7	72.2	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1
GE 6000	57.5	59.4	62.9	65.4	70.0	71.2	71.9	72.4	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3
GE 5000	58.8	60.6	64.3	66.9	71.6	72.8	73.5	74.0	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9
GE 4500	59.8	61.6	65.4	68.1	72.9	74.1	74.8	75.3	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	61.6	63.4	67.2	70.3	75.4	76.6	77.3	77.7	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	66.7	68.5	72.5	75.8	80.9	82.2	82.9	83.5	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5
GE 3000	70.3	72.4	76.6	79.9	85.3	86.6	87.3	88.0	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	72.0	74.1	78.3	81.6	87.4	88.9	89.8	90.5	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	73.8	75.9	80.2	83.8	90.3	91.9	93.2	94.0	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	74.0	76.1	80.5	84.1	90.6	92.3	93.5	94.3	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	75.3	77.4	81.9	85.6	92.6	94.5	96.1	96.9	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	75.8	78.0	82.7	86.3	93.4	95.5	97.1	97.8	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.7	99.7	99.7	99.7	99.8	99.8
GE 400	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.7	99.7	99.7	99.7	99.8	99.8
GE 300	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.7	99.7	99.7	99.7	100.0	100.0
GE 200	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.7	99.7	99.7	99.7	100.0	100.0
GE 100	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.7	99.7	99.7	99.7	100.0	100.0
GE 000	75.9	78.1	82.8	86.6	93.7	95.8	97.4	98.2	99.0	99.2	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA

PERIOD OF RECORD: AUG 79 - JUL 89

LST TO UTC: + 8

MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	44.4	45.7	50.0	53.1	58.4	61.2	61.9	61.9	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 20000	49.8	51.2	56.6	59.8	65.2	68.7	69.7	69.7	70.3	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	50.2	51.6	57.0	60.2	65.6	69.1	70.1	70.1	70.8	71.1	71.1	71.1	71.1	71.1	71.1
GE 16000	50.2	51.6	57.0	60.2	65.6	69.5	70.4	70.4	71.1	71.4	71.4	71.4	71.4	71.4	71.4
GE 14000	50.8	52.2	57.5	60.8	66.1	70.1	71.1	71.1	71.7	72.0	72.0	72.0	72.0	72.0	72.0
GE 12000	51.3	52.7	58.2	61.4	66.8	70.9	72.0	72.0	72.7	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	52.2	53.7	59.1	62.4	67.8	72.0	73.2	73.2	73.9	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	52.6	54.2	59.8	63.0	68.	72.9	74.1	74.1	74.7	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	53.8	55.4	61.0	64.2	70.0	74.2	75.4	75.4	76.0	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000	53.8	55.4	61.0	64.2	70.0	74.2	75.4	75.4	76.0	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	53.9	55.6	61.2	64.4	70.2	74.4	75.6	75.6	76.2	76.6	76.6	76.6	76.6	76.6	76.6
GE 5000	55.8	57.5	63.1	66.3	72.2	76.3	77.5	77.5	78.2	78.5	78.5	78.5	78.5	78.5	78.5
GE 4500	57.1	58.9	64.6	67.8	74.1	78.2	79.4	79.4	80.0	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	60.4	62.3	68.2	71.5	77.8	82.0	83.2	83.2	83.9	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	64.4	66.3	72.5	75.8	82.4	86.6	87.7	87.7	88.4	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	67.3	69.2	75.8	79.2	85.9	90.4	91.6	91.6	92.3	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500	68.9	70.9	77.6	81.1	88.0	92.7	94.0	94.0	94.6	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	69.5	71.4	78.2	81.7	89.0	94.0	95.4	95.4	96.2	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	69.7	71.6	78.4	81.9	89.4	94.3	95.7	95.8	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	70.3	72.3	79.2	82.8	90.4	95.7	97.2	97.4	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	70.6	72.6	79.6	83.1	90.8	96.0	97.5	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8
GE 600	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0
GE 500	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0
GE 400	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0
GE 300	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0
GE 200	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0
GE 100	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0
GE 000	71.0	72.9	79.9	83.4	91.1	96.5	98.0	98.4	99.4	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.6	55.9	59.2	60.8	64.1	65.1	65.8	65.8	66.0	66.3	66.5	66.5	66.5	66.5	66.5	66.5
GE 20000	57.5	58.9	62.5	64.2	68.0	69.1	69.9	69.9	70.4	70.8	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	58.5	59.9	63.4	65.2	68.9	70.1	70.9	70.9	71.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 16000	58.5	59.9	63.4	65.2	69.0	70.2	71.0	71.0	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	59.0	60.4	64.0	65.8	70.1	71.3	72.0	72.0	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	59.7	61.1	64.6	66.5	70.8	71.9	72.7	72.7	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	60.8	62.2	65.7	67.5	72.0	73.2	74.0	74.0	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9
GE 9000	61.1	62.5	66.1	68.1	72.7	73.9	74.6	74.6	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	62.5	63.9	67.5	69.6	74.2	75.5	76.3	76.3	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 7000	62.6	64.0	67.7	69.8	74.4	75.7	76.6	76.6	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000	62.9	64.4	68.4	70.4	75.1	76.3	77.2	77.2	77.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	64.4	65.9	70.0	72.0	76.8	78.1	78.9	78.9	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	66.1	67.6	71.9	74.2	79.0	80.3	81.2	81.2	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	68.0	69.5	73.8	76.5	81.4	82.8	83.7	83.7	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	70.3	71.9	76.5	79.1	84.3	85.7	86.6	86.6	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	73.7	75.3	80.1	82.8	88.1	89.5	90.3	90.3	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 2500	76.6	78.2	83.2	86.1	91.6	93.1	94.0	94.0	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	77.5	79.1	84.6	88.0	93.7	95.3	96.2	96.2	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	77.7	79.4	84.8	88.2	93.9	95.5	96.5	96.5	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	78.1	79.7	85.3	88.6	94.7	96.3	97.4	97.5	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	78.2	79.8	85.4	88.7	94.9	96.7	97.7	97.8	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	78.3	79.9	85.5	88.8	95.1	96.8	97.8	98.0	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	78.3	79.9	85.5	88.8	95.1	96.8	97.8	98.0	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	78.3	80.0	85.8	89.1	95.5	97.2	98.3	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	78.3	80.0	85.8	89.1	95.5	97.2	98.3	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	78.3	80.0	85.8	89.1	95.5	97.2	98.3	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	78.3	80.0	85.8	89.1	95.5	97.2	98.3	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	78.3	80.0	85.8	89.1	95.5	97.2	98.3	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	78.3	80.0	85.8	89.1	95.5	97.2	98.3	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	78.3	80.0	85.8	89.1	95.5	97.2	98.3	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	78.3	80.0	85.8	89.1	95.5	97.2	98.3	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	78.3	80.0	85.8	89.1	95.5	97.2	98.3	98.4	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE
NO CEIL	53.9	55.7	59.4	61.5	65.4	65.8	66.1	66.5	66.5	66.8	66.9	66.9	67.0	67.0	67.0	67.0
GE 20000	55.1	57.0	60.9	63.0	67.1	67.6	68.0	68.3	68.3	68.6	68.8	68.8	68.9	68.9	68.9	68.9
GE 18000	55.6	57.5	61.4	63.5	67.6	68.2	68.5	68.8	68.8	69.1	69.4	69.4	69.5	69.5	69.5	69.5
GE 16000	55.6	57.5	61.4	63.5	67.6	68.2	68.5	68.8	68.8	69.1	69.4	69.4	69.5	69.5	69.5	69.5
GE 14000	56.2	58.2	62.2	64.5	68.8	69.6	69.9	70.2	70.2	70.5	70.8	70.8	70.9	70.9	70.9	70.9
GE 12000	56.8	58.8	62.8	65.3	69.6	70.3	70.6	71.0	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.6
GE 10000	58.3	60.3	64.3	66.8	71.1	71.8	72.2	72.5	72.5	72.8	73.0	73.0	73.1	73.1	73.1	73.1
GE 9000	58.4	60.4	64.6	67.1	71.4	72.2	72.5	72.8	72.8	73.1	73.3	73.3	73.4	73.4	73.4	73.4
GE 8000	59.4	61.4	65.6	68.1	72.4	73.1	73.4	73.8	73.8	74.1	74.3	74.3	74.4	74.4	74.4	74.4
GE 7000	59.7	61.7	65.9	68.4	72.7	73.4	73.8	74.1	74.1	74.4	74.6	74.6	74.7	74.7	74.7	74.7
GE 6000	59.9	61.9	66.3	68.8	73.1	73.9	74.2	74.5	74.5	74.8	75.1	75.1	75.2	75.2	75.2	75.2
GE 5000	60.3	62.5	67.0	69.5	73.8	74.5	74.8	75.2	75.2	75.5	75.7	75.7	75.8	75.8	75.8	75.8
GE 4500	61.3	63.4	68.1	70.6	75.1	75.8	76.1	76.5	76.5	76.8	77.0	77.0	77.1	77.1	77.1	77.1
GE 4000	63.3	65.5	70.4	73.3	78.1	78.8	79.1	79.5	79.5	79.8	80.0	80.0	80.1	80.1	80.1	80.1
GE 3500	66.5	68.7	73.9	76.8	81.6	82.5	82.8	83.1	83.1	83.4	83.7	83.7	83.8	83.8	83.8	83.8
GE 3000	70.2	72.5	78.1	81.1	86.6	87.4	87.7	88.1	88.1	88.4	88.6	88.6	88.7	88.7	88.7	88.7
GE 2500	72.0	74.4	80.3	83.5	89.1	90.2	90.5	90.9	90.9	91.2	91.4	91.4	91.5	91.5	91.5	91.5
GE 2000	72.8	75.2	81.6	85.2	91.1	92.2	92.6	93.0	93.1	93.5	93.8	93.8	93.9	93.9	93.9	93.9
GE 1800	73.0	75.4	81.8	85.4	91.4	92.5	92.9	93.3	93.4	93.9	94.1	94.1	94.2	94.2	94.2	94.2
GE 1500	73.9	76.2	83.0	86.6	92.6	93.8	94.2	94.6	94.9	95.5	95.7	95.7	95.8	95.8	95.8	95.8
GE 1200	74.1	76.5	83.4	87.3	93.5	94.7	95.3	95.7	96.0	96.6	97.1	97.1	97.2	97.2	97.2	97.2
GE 1000	74.5	76.9	84.1	88.1	94.3	95.5	96.2	96.7	97.1	97.6	98.3	98.3	98.4	98.4	98.4	98.4
GE 900	74.5	76.9	84.1	88.1	94.3	95.5	96.2	96.7	97.1	97.6	98.3	98.3	98.4	98.4	98.4	98.4
GE 800	74.6	77.1	84.3	88.3	94.5	95.7	96.5	96.9	97.3	98.1	98.7	98.7	98.8	98.8	98.8	98.8
GE 700	74.6	77.1	84.3	88.3	94.5	95.7	96.5	96.9	97.3	98.1	98.7	98.7	98.8	98.8	98.8	98.8
GE 600	74.6	77.1	84.3	88.3	94.5	95.7	96.5	96.9	97.3	98.1	98.7	98.7	98.8	98.8	98.8	98.8
GE 500	74.6	77.1	84.3	88.3	94.5	95.7	96.7	97.1	97.5	98.3	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	74.6	77.1	84.3	88.3	94.5	95.8	96.8	97.2	97.6	98.4	99.0	99.0	99.1	99.1	99.1	99.1
GE 300	74.6	77.1	84.3	88.3	94.5	95.8	96.9	97.3	97.8	98.6	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	74.6	77.1	84.3	88.3	94.5	95.8	96.9	97.3	97.8	98.6	99.4	99.4	99.5	99.5	99.5	99.5
GE 100	74.6	77.1	84.3	88.3	94.5	95.8	96.9	97.3	97.8	98.6	99.4	99.4	99.5	99.5	99.5	99.5
GE 000	74.6	77.1	84.3	88.3	94.5	95.8	96.9	97.3	97.8	98.6	99.4	99.4	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION *AM*
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.1	47.3	50.5	52.5	56.4	57.8	58.9	59.7	60.1	60.7	61.0	61.1	61.3	61.4	61.6	62.0
GE 20000	48.7	49.9	53.5	55.6	59.7	61.3	62.5	63.3	63.8	64.5	64.8	64.8	65.1	65.1	65.4	65.8
GE 18000	49.1	50.3	53.8	55.9	60.1	61.7	62.8	63.7	64.2	64.9	65.1	65.2	65.5	65.5	65.7	66.2
GE 16000	49.2	50.3	53.9	56.0	60.2	61.8	63.0	63.9	64.4	65.1	65.3	65.4	65.7	65.8	66.0	66.4
GE 14000	49.9	51.0	54.7	56.8	61.1	62.8	64.0	64.9	65.4	66.1	66.4	66.4	66.7	66.8	67.0	67.4
GE 12000	50.5	51.7	55.5	57.7	62.1	63.8	65.0	65.9	66.4	67.1	67.4	67.5	67.7	67.8	68.0	68.5
GE 10000	51.4	52.7	56.5	58.7	63.2	64.9	66.1	67.0	67.6	68.2	68.5	68.6	68.9	68.9	69.2	69.6
GE 8000	51.6	52.9	56.8	59.0	63.5	65.3	66.5	67.4	67.9	68.6	68.9	69.0	69.3	69.3	69.5	70.0
GE 7000	52.4	53.8	57.7	59.9	64.5	66.3	67.5	68.4	68.9	69.6	69.9	70.0	70.3	70.3	70.5	71.0
GE 6000	52.7	54.0	58.0	60.2	64.8	66.6	67.8	68.8	69.3	70.0	70.2	70.3	70.6	70.7	70.9	71.3
GE 5000	52.9	54.3	58.3	60.5	65.1	66.9	68.2	69.1	69.6	70.3	70.6	70.7	70.9	71.0	71.2	71.7
GE 4500	53.7	55.1	59.2	61.5	66.2	67.9	69.2	70.1	70.7	71.3	71.6	71.7	72.0	72.0	72.3	72.7
GE 4000	54.6	56.0	60.2	62.6	67.4	69.2	70.5	71.4	71.9	72.6	72.9	73.0	73.3	73.3	73.5	74.0
GE 3500	56.6	58.0	62.4	64.9	69.9	71.7	73.0	74.0	74.5	75.2	75.5	75.6	75.8	75.9	76.1	76.6
GE 3000	59.4	60.9	65.5	68.1	73.3	75.2	76.5	77.4	78.0	78.7	79.0	79.0	79.3	79.4	79.6	80.1
GE 2500	62.7	64.3	69.2	72.0	77.6	79.6	80.9	81.9	82.5	83.2	83.5	83.5	83.8	83.9	84.1	84.6
GE 2000	64.7	66.3	71.6	74.6	80.5	82.6	84.1	85.2	85.7	86.4	86.7	86.8	87.1	87.2	87.4	87.8
GE 1800	65.7	67.3	72.9	76.1	82.5	84.7	86.4	87.6	88.2	88.9	89.2	89.2	89.6	89.6	89.8	90.3
GE 1600	65.9	67.6	73.2	76.4	82.8	85.2	86.9	88.1	88.7	89.4	89.7	89.8	90.1	90.2	90.4	90.9
GE 1500	66.7	68.4	74.2	77.5	84.3	86.8	88.8	90.1	90.8	91.6	91.9	91.9	92.3	92.3	92.6	93.1
GE 1200	67.0	68.7	74.6	78.1	85.2	87.8	89.9	91.3	92.1	92.9	93.3	93.4	93.7	93.8	94.0	94.5
GE 1000	67.3	69.0	75.1	78.7	85.9	88.7	90.9	92.4	93.2	94.1	94.5	94.6	95.0	95.0	95.3	95.8
GE 900	67.4	69.1	75.2	78.8	86.1	88.9	91.1	92.6	93.5	94.4	94.8	94.9	95.2	95.3	95.5	96.0
GE 800	67.5	69.2	75.3	79.0	86.3	89.1	91.3	92.8	93.8	94.7	95.1	95.2	95.6	95.7	95.9	96.4
GE 700	67.6	69.3	75.4	79.0	86.4	89.3	91.6	93.2	94.2	95.1	95.6	95.7	96.1	96.2	96.4	96.9
GE 600	67.6	69.3	75.4	79.0	86.4	89.3	91.7	93.3	94.3	95.3	95.8	95.9	96.3	96.4	96.7	97.2
GE 500	67.6	69.3	75.4	79.1	86.5	89.4	91.9	93.5	94.6	95.7	96.2	96.3	96.8	96.8	97.1	97.7
GE 400	67.6	69.3	75.4	79.1	86.5	89.5	92.0	93.7	94.8	95.9	96.5	96.6	97.1	97.2	97.6	98.2
GE 300	67.6	69.3	75.4	79.1	86.5	89.5	92.0	93.7	94.9	96.0	96.6	96.7	97.3	97.4	97.9	98.8
GE 200	67.6	69.3	75.4	79.1	86.6	89.6	92.1	93.8	94.9	96.0	96.6	96.8	97.4	97.6	98.2	99.5
GE 100	67.6	69.3	75.4	79.1	86.6	89.6	92.1	93.8	94.9	96.0	96.6	96.8	97.4	97.6	98.2	99.9
GE 000	67.6	69.3	75.4	79.1	86.6	89.6	92.1	93.8	94.9	96.0	96.6	96.8	97.4	97.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	53.1	56.0	57.0	61.9	63.0	64.6	65.0	65.1	65.4	65.6	65.6	65.7	65.7	65.8	65.8
GE 20000	52.6	54.1	57.1	58.9	63.1	64.4	66.0	66.4	66.6	66.9	67.0	67.0	67.1	67.1	67.2	67.2
GE 18000	52.6	54.1	57.1	58.9	63.1	64.4	66.0	66.4	66.6	66.9	67.0	67.0	67.1	67.1	67.2	67.2
GE 16000	52.6	54.1	57.1	58.9	63.1	64.4	66.0	66.4	66.6	66.9	67.0	67.0	67.1	67.1	67.2	67.2
GE 14000	53.1	54.7	57.7	59.4	63.7	65.0	66.6	67.0	67.1	67.4	67.6	67.6	67.7	67.7	67.8	67.8
GE 12000	53.4	55.0	58.0	59.9	64.1	65.6	67.2	67.7	67.8	68.1	68.2	68.2	68.3	68.3	68.4	68.4
GE 10000	54.1	55.7	58.7	60.6	64.8	66.2	67.9	68.3	68.4	68.8	68.9	68.9	69.0	69.0	69.1	69.1
GE 9000	54.6	56.1	59.1	61.0	65.2	66.7	68.3	68.8	68.9	69.2	69.3	69.3	69.4	69.4	69.5	69.5
GE 8000	55.4	57.0	60.0	61.9	66.1	67.6	69.2	69.7	69.8	70.1	70.2	70.2	70.3	70.3	70.4	70.4
GE 7000	55.7	57.2	60.2	62.1	66.3	67.8	69.4	69.9	70.0	70.3	70.4	70.4	70.6	70.6	70.7	70.7
GE 6000	56.6	58.1	61.1	63.2	67.4	68.9	70.6	71.0	71.1	71.4	71.6	71.6	71.7	71.7	71.8	71.8
GE 5000	58.4	60.0	63.0	65.1	69.3	70.8	72.4	72.9	73.0	73.3	73.4	73.4	73.6	73.6	73.7	73.7
GE 4500	59.4	61.0	64.1	66.1	70.6	72.0	73.7	74.1	74.2	74.6	74.7	74.7	74.8	74.8	74.9	74.9
GE 4000	61.9	63.4	66.6	68.8	73.2	74.7	76.3	76.8	76.9	77.2	77.3	77.3	77.4	77.4	77.5	77.5
GE 3500	63.1	65.0	68.3	70.6	75.0	76.4	78.1	78.6	78.7	79.0	79.1	79.1	79.2	79.2	79.3	79.3
GE 3000	65.4	67.3	71.2	74.1	78.7	80.1	81.8	82.2	82.3	82.7	82.8	82.8	82.9	82.9	83.0	83.0
GE 2500	67.0	69.1	73.3	76.2	80.9	82.4	84.1	84.6	84.7	85.0	85.1	85.1	85.2	85.2	85.3	85.3
GE 2000	68.2	70.4	74.8	77.8	82.6	84.1	85.8	86.3	86.4	86.8	86.9	86.9	87.0	87.0	87.1	87.1
GE 1800	68.6	70.8	75.1	78.3	83.1	84.8	86.4	87.1	87.2	87.6	87.7	87.7	87.8	87.8	87.9	87.9
GE 1500	69.3	71.6	76.8	80.2	85.4	87.3	89.0	89.7	89.8	90.1	90.2	90.2	90.3	90.3	90.4	90.4
GE 1200	69.4	71.9	77.1	80.8	86.2	88.2	90.1	90.8	90.9	91.2	91.3	91.3	91.4	91.4	91.5	91.5
GE 1000	70.0	72.4	77.9	81.7	87.4	89.7	91.7	92.3	92.7	93.1	93.2	93.2	93.7	93.7	93.9	93.9
GE 900	70.0	72.4	77.9	81.7	87.7	89.9	91.9	92.6	92.9	93.3	93.4	93.4	93.9	93.9	94.1	94.1
GE 800	70.0	72.4	77.9	81.7	87.7	90.1	92.3	93.1	93.4	93.9	94.0	94.0	94.4	94.4	94.7	94.7
GE 700	70.0	72.4	77.9	81.8	88.0	90.6	92.8	93.9	94.2	94.8	94.9	94.9	95.3	95.3	95.7	95.7
GE 600	70.0	72.4	77.9	81.8	88.1	90.7	92.9	94.1	94.4	95.3	95.7	95.8	96.3	96.3	96.7	96.7
GE 500	70.0	72.4	77.9	81.8	88.1	90.7	93.1	94.3	94.7	95.7	96.1	96.2	96.8	96.8	97.0	97.0
GE 400	70.0	72.4	77.9	82.0	88.3	90.9	93.6	94.8	95.2	96.6	97.1	97.2	98.0	98.0	98.2	98.2
GE 300	70.0	72.4	77.9	82.0	88.3	90.9	93.9	95.1	95.6	96.9	97.4	97.6	98.3	98.3	98.5	98.5
GE 200	70.0	72.4	77.9	82.0	88.3	90.9	93.9	95.1	95.6	97.0	97.7	97.8	98.6	98.6	98.7	98.7
GE 100	70.0	72.4	77.9	82.0	88.3	90.9	93.9	95.1	95.6	97.0	97.7	97.8	98.6	98.6	98.7	98.7
GE 000	70.0	72.4	77.9	82.0	88.3	90.9	93.9	95.1	95.6	97.0	97.7	97.8	98.6	98.6	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.8	45.4	47.3	49.2	53.2	54.0	56.0	57.1	57.3	58.4	58.6	58.6	58.9	58.9	59.1	59.4
GE 20000	45.8	46.4	48.3	50.2	54.7	55.4	57.6	58.7	58.9	60.0	60.1	60.1	60.7	60.7	60.9	61.2
GE 18000	45.8	46.4	48.3	50.2	54.7	55.4	57.6	58.7	58.9	60.0	60.1	60.1	60.7	60.7	60.9	61.2
GE 16000	45.8	46.4	48.3	50.2	54.7	55.4	57.6	58.7	58.9	60.0	60.1	60.1	60.7	60.7	60.9	61.2
GE 14000	46.6	47.2	49.1	51.0	55.4	56.2	58.3	59.4	59.7	60.8	60.9	60.9	61.4	61.4	61.7	62.0
GE 12000	46.6	47.2	49.1	51.0	55.4	56.2	58.3	59.4	59.7	60.8	60.9	60.9	61.6	61.6	61.8	62.1
GE 10000	47.2	47.9	49.8	51.7	56.1	56.9	59.0	60.1	60.3	61.4	61.6	61.6	62.2	62.2	62.4	62.8
GE 9000	47.6	48.2	50.1	52.0	56.4	57.2	59.3	60.4	60.7	61.8	61.9	61.9	62.6	62.6	62.8	63.1
GE 8000	48.0	48.7	50.6	52.4	56.9	57.8	59.9	61.0	61.2	62.3	62.4	62.4	63.1	63.1	63.3	63.7
GE 7000	48.0	48.7	50.6	52.4	56.9	57.8	59.9	61.0	61.2	62.3	62.4	62.4	63.1	63.1	63.3	63.7
GE 6000	48.4	49.1	51.1	53.1	57.7	58.6	60.7	61.8	62.0	63.1	63.2	63.2	63.9	63.9	64.1	64.4
GE 5000	50.2	50.9	52.9	54.9	59.4	60.3	62.4	63.6	63.8	64.9	65.0	65.0	65.8	65.8	66.0	66.3
GE 4500	50.7	51.3	53.7	56.0	60.6	61.4	63.6	64.7	64.9	66.0	66.1	66.1	66.9	66.9	67.1	67.4
GE 4000	52.2	53.0	55.4	57.8	62.4	63.3	65.4	66.6	66.8	67.9	68.0	68.0	68.9	68.9	69.1	69.4
GE 3500	53.6	54.3	56.8	59.3	64.2	65.1	67.2	68.3	68.6	69.7	69.8	69.8	70.7	70.7	70.9	71.2
GE 3000	55.6	56.3	59.1	62.0	67.2	68.2	70.3	71.4	71.7	72.8	72.9	72.9	73.8	73.8	74.0	74.3
GE 2500	57.2	58.2	61.7	64.7	70.1	71.3	73.6	74.8	75.0	76.1	76.2	76.2	77.1	77.1	77.3	77.7
GE 2000	58.3	59.6	63.4	66.6	72.9	74.1	76.6	77.9	78.1	79.2	79.3	79.3	80.2	80.2	80.4	80.8
GE 1800	58.6	59.8	63.8	67.0	73.3	74.6	77.0	78.3	78.6	79.7	79.8	79.8	80.7	80.7	80.9	81.2
GE 1500	59.0	60.2	64.6	68.2	75.1	76.6	79.0	80.3	80.6	81.7	81.8	81.8	82.7	82.7	82.9	83.2
GE 1200	59.4	60.7	65.0	68.7	75.7	77.4	80.3	82.0	82.3	83.4	83.6	83.6	84.4	84.4	84.7	85.0
GE 1000	59.8	61.0	65.7	69.3	76.4	78.2	81.4	83.1	83.6	84.8	84.9	84.9	85.9	85.9	86.4	86.8
GE 900	59.8	61.0	65.8	69.6	76.7	78.6	81.8	83.4	84.0	85.6	85.7	85.7	86.7	86.7	87.2	87.6
GE 800	59.9	61.1	65.9	69.7	77.1	79.4	82.7	84.4	85.1	86.7	86.8	86.8	87.8	87.8	88.3	88.7
GE 700	60.1	61.3	66.1	69.9	77.4	79.8	83.0	85.1	85.8	87.3	87.4	87.4	88.4	88.4	89.1	89.4
GE 600	60.2	61.4	66.3	70.1	78.0	80.3	83.6	85.8	86.7	88.3	88.9	89.1	90.2	90.2	90.9	91.2
GE 500	60.2	61.4	66.4	70.2	78.2	80.6	84.2	86.4	87.6	89.3	90.0	90.2	91.3	91.4	92.1	92.4
GE 400	60.2	61.4	66.6	70.3	78.3	80.7	84.6	87.1	88.3	90.2	91.0	91.2	92.7	92.9	93.9	94.2
GE 300	60.2	61.4	66.6	70.3	78.3	80.7	84.6	87.1	88.3	90.3	91.2	91.7	93.2	93.6	94.9	95.6
GE 200	60.2	61.4	66.6	70.3	78.3	80.7	84.6	87.1	88.3	90.3	91.2	91.8	93.6	94.0	95.8	96.1
GE 100	60.2	61.4	66.6	70.3	78.3	80.7	84.6	87.1	88.6	90.6	91.4	92.0	93.9	94.3	96.3	99.0
GE 000	60.2	61.4	66.6	70.3	78.3	80.7	84.6	87.1	88.6	90.6	91.4	92.0	93.9	94.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.6	40.6	44.0	46.0	48.1	49.7	51.1	51.9	53.1	54.8	55.8	55.9	56.2	56.3	56.4	56.4
GE 20000	41.4	42.4	46.0	48.1	50.3	51.9	53.9	54.8	56.1	57.9	58.9	59.0	59.3	59.4	59.6	59.6
GE 18000	41.6	42.6	46.1	48.2	50.4	52.0	54.0	54.9	56.3	58.1	59.1	59.2	59.6	59.7	59.8	59.8
GE 16000	41.6	42.6	46.1	48.2	50.4	52.0	54.0	54.9	56.3	58.1	59.1	59.2	59.6	59.7	59.8	59.8
GE 14000	42.1	43.1	46.7	48.8	51.1	52.7	54.7	55.6	57.0	58.8	59.8	59.9	60.2	60.3	60.4	60.4
GE 12000	42.4	43.4	47.0	49.1	51.4	53.0	55.0	55.9	57.4	59.2	60.2	60.3	60.7	60.8	60.9	60.9
GE 10000	42.8	43.8	47.7	49.8	52.3	54.0	56.0	56.9	58.4	60.2	61.2	61.3	61.7	61.8	61.9	61.9
GE 9000	42.9	43.9	47.9	50.1	52.8	54.4	56.4	57.3	58.9	60.7	61.7	61.8	62.1	62.2	62.3	62.3
GE 8000	43.4	44.4	48.4	50.7	53.3	55.0	57.0	57.9	59.4	61.2	62.2	62.3	62.7	62.8	62.9	62.9
GE 7000	43.6	44.6	48.6	50.8	53.4	55.1	57.1	58.0	59.6	61.3	62.3	62.4	62.8	62.9	63.0	63.0
GE 6000	43.7	44.7	48.7	50.9	53.7	55.3	57.3	58.2	59.8	61.6	62.6	62.7	63.0	63.1	63.2	63.2
GE 5000	44.3	45.3	49.6	51.8	54.9	56.6	58.6	59.4	61.0	62.8	63.8	63.9	64.2	64.3	64.4	64.4
GE 4500	44.9	45.9	50.1	52.3	55.4	57.1	59.2	60.1	61.7	63.4	64.4	64.6	64.9	65.0	65.1	65.1
GE 4000	45.9	46.9	51.3	53.9	57.2	58.9	61.0	62.0	63.6	65.3	66.3	66.4	66.8	66.9	67.0	67.0
GE 3500	47.4	48.7	53.3	56.0	59.4	61.2	63.6	64.6	66.1	67.9	68.9	69.0	69.3	69.4	69.6	70.0
GE 3000	50.0	51.3	56.4	59.3	63.7	65.4	67.9	68.9	70.4	72.2	73.4	73.6	73.9	74.0	74.1	74.6
GE 2500	51.7	53.0	58.3	61.6	66.2	68.2	70.7	71.7	73.2	75.0	76.2	76.3	76.7	76.8	76.9	77.3
GE 2000	53.0	54.6	60.3	63.6	68.6	71.0	73.6	74.6	76.1	77.9	79.1	79.2	79.6	79.7	79.8	80.0
GE 1800	53.4	55.0	60.9	64.1	69.2	71.9	74.4	75.4	77.0	78.8	80.0	80.1	80.4	80.6	80.7	81.0
GE 1500	54.4	56.1	62.8	66.2	71.9	74.7	77.2	78.2	79.9	81.7	82.9	83.0	83.3	83.4	83.6	84.0
GE 1200	54.4	56.2	62.9	66.3	72.1	75.0	78.1	79.2	81.0	82.8	84.0	84.1	84.4	84.6	84.7	85.0
GE 1000	54.4	56.2	62.9	66.3	72.1	75.7	78.8	79.9	82.0	83.9	85.2	85.3	85.8	85.9	86.0	86.4
GE 900	54.6	56.3	63.2	66.8	72.7	76.2	79.6	80.9	83.0	84.9	86.3	86.7	87.2	87.3	87.4	87.8
GE 800	54.6	56.3	63.4	67.0	73.2	76.8	80.1	81.7	83.9	86.1	87.8	88.2	88.8	88.9	89.1	89.6
GE 700	54.7	56.4	63.6	67.1	73.4	77.1	80.6	82.1	84.7	87.1	88.9	89.3	89.9	90.0	90.2	90.6
GE 600	54.7	56.4	63.6	67.1	73.7	77.3	80.8	82.3	84.9	87.3	89.4	89.9	90.4	90.6	90.8	91.4
GE 500	54.7	56.4	63.6	67.1	73.7	77.3	80.8	82.6	85.3	87.9	90.3	90.8	91.6	91.7	92.1	92.9
GE 400	54.7	56.4	63.6	67.1	73.7	77.3	80.8	82.7	85.4	88.0	90.8	91.2	92.0	92.1	92.9	93.7
GE 300	54.7	56.4	63.6	67.1	73.7	77.3	80.8	82.7	85.4	88.2	91.1	91.9	92.8	93.0	94.4	95.6
GE 200	54.7	56.4	63.6	67.1	73.7	77.3	80.8	82.7	85.4	88.2	91.2	92.0	93.3	93.7	95.6	97.0
GE 100	54.7	56.4	63.6	67.1	73.7	77.3	80.8	82.7	85.4	88.2	91.2	92.0	93.4	93.8	96.1	97.4
GE 000	54.7	56.4	63.6	67.1	73.7	77.3	80.8	82.7	85.4	88.2	91.2	92.0	93.4	93.8	96.1	97.4

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.6	50.0	53.1	54.1	58.4	61.6	61.9	63.3	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000	51.8	53.4	56.9	58.1	62.7	66.2	66.6	68.2	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 18000	52.3	54.0	57.4	58.7	63.2	66.8	67.1	68.8	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 16000	52.3	54.0	57.4	58.7	63.2	66.8	67.1	68.8	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 14000	52.9	54.6	58.0	59.2	63.8	67.3	67.7	69.3	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	53.2	54.9	58.7	59.9	64.4	68.0	68.3	70.0	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	53.4	55.4	59.2	60.4	65.0	68.6	68.9	70.6	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 9000	53.8	55.8	59.6	60.8	65.3	68.9	69.2	70.9	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	53.9	55.9	59.8	61.0	65.7	69.2	69.6	71.2	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 7000	54.0	56.0	59.9	61.1	65.8	69.3	69.7	71.3	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	54.2	56.2	60.1	61.3	66.0	69.6	69.9	71.6	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	55.2	57.2	61.3	62.6	67.8	71.3	71.7	73.3	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	56.3	58.3	62.6	63.8	69.0	72.6	72.9	74.6	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	59.2	61.3	65.9	67.2	72.6	76.1	76.4	78.1	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3500	61.7	64.0	68.6	69.9	75.3	78.9	79.2	80.9	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3000	66.4	69.2	74.6	76.0	82.0	85.6	85.9	87.6	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	67.7	70.6	76.1	77.8	83.9	87.6	88.0	89.	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	68.6	71.8	77.9	79.6	85.8	89.4	89.9	91.7	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	68.6	71.8	78.0	79.7	85.9	89.6	90.0	91.8	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	69.3	72.9	79.4	81.1	87.4	91.4	92.4	94.2	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	69.3	72.9	79.4	81.1	87.4	91.7	92.7	94.4	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	69.4	73.0	79.6	81.2	87.6	91.8	93.1	95.0	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	69.4	73.0	79.6	81.2	87.6	91.8	93.1	95.0	96.9	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	69.6	73.1	79.7	81.3	87.7	91.9	93.4	95.3	97.2	98.0	98.1	98.2	98.2	98.2	98.2	98.2
GE 700	69.6	73.1	79.7	81.3	87.7	91.9	93.4	95.3	97.4	98.2	98.3	98.6	98.6	98.6	98.6	98.6
GE 600	69.6	73.1	79.7	81.3	87.7	91.9	93.4	95.3	97.4	98.4	98.6	98.9	99.0	99.0	99.0	99.0
GE 500	69.6	73.1	79.7	81.3	87.7	91.9	93.4	95.3	97.4	98.4	98.7	99.1	99.2	99.2	99.2	99.2
GE 400	69.6	73.1	79.7	81.3	87.7	91.9	93.6	95.4	97.6	98.8	99.0	99.4	99.8	99.8	99.8	99.8
GE 300	69.6	73.1	79.7	81.3	87.7	91.9	93.6	95.4	97.6	98.8	99.0	99.4	99.9	99.9	99.9	99.9
GE 200	69.6	73.1	79.7	81.3	87.7	91.9	93.6	95.4	97.6	98.8	99.0	99.4	99.9	99.9	100.0	100.0
GE 100	69.6	73.1	79.7	81.3	87.7	91.9	93.6	95.4	97.6	98.8	99.0	99.4	99.9	99.9	100.0	100.0
GE 000	69.6	73.1	79.7	81.3	87.7	91.9	93.6	95.4	97.6	98.8	99.0	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	46.1	49.1	53.1	54.6	60.4	64.0	65.9	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	49.4	52.7	57.0	59.0	65.9	70.6	72.7	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	49.8	53.1	57.6	59.6	66.4	71.1	73.2	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	49.8	53.1	57.6	59.6	66.4	71.1	73.2	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	50.7	54.0	58.4	60.4	67.3	72.1	74.2	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 12000	50.9	54.2	58.7	60.7	67.6	72.3	74.4	75.9	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 10000	51.0	54.3	58.8	61.0	68.2	73.0	75.2	76.7	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000	51.3	54.7	59.1	61.3	68.6	73.3	75.6	77.0	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 8000	51.4	54.9	59.3	61.7	68.9	73.7	75.9	77.3	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	51.4	55.0	59.4	61.8	69.0	73.8	76.0	77.4	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	51.9	55.4	59.9	62.2	69.4	74.2	76.4	77.9	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000	53.0	56.6	61.0	63.3	70.8	75.6	77.9	79.3	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	54.4	58.0	62.9	65.2	72.7	77.4	79.8	81.2	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	59.3	62.9	68.4	70.9	78.3	83.1	85.4	86.9	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	62.7	66.3	72.0	74.4	81.9	86.7	89.0	90.4	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000	66.2	69.9	76.0	78.4	86.1	91.0	93.3	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	67.4	71.1	77.2	79.7	87.3	92.3	95.0	96.4	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	68.0	71.7	77.9	80.3	88.1	93.7	96.4	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	68.0	71.7	77.9	80.3	88.1	93.7	96.4	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	68.2	71.9	78.2	80.7	88.8	94.3	97.2	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	68.2	71.9	78.2	80.7	88.8	94.4	97.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.2	71.9	78.2	80.7	88.8	94.4	97.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.8	47.4	52.3	55.1	62.2	66.4	67.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	48.8	51.9	57.6	60.4	68.1	74.4	76.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 18000	49.2	52.3	58.1	61.0	68.7	75.0	76.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	49.2	52.3	58.1	61.0	68.7	75.0	76.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	50.1	53.3	59.3	62.3	70.1	76.4	78.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 12000	50.7	54.2	60.3	63.3	71.1	77.4	79.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 10000	51.6	55.3	61.6	64.7	72.6	78.9	80.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 9000	51.6	55.3	61.6	64.7	72.6	78.9	80.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 8000	51.9	55.7	61.9	65.0	72.9	79.2	80.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 7000	52.0	55.8	62.0	65.1	73.0	79.3	81.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	52.0	55.8	62.0	65.3	73.2	79.8	81.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	53.3	57.1	63.4	66.9	74.8	81.3	83.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	54.9	58.7	65.1	68.6	76.4	83.0	84.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4000	58.1	61.9	68.7	72.2	80.2	86.8	88.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3500	61.3	65.1	72.0	75.7	83.7	90.2	92.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	64.2	68.0	74.9	78.7	86.8	93.3	95.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2500	65.8	69.6	76.7	80.4	88.6	95.2	97.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	65.9	69.7	76.9	80.7	89.1	96.1	98.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	66.0	69.8	77.0	80.8	89.2	96.2	98.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	66.0	69.8	77.0	80.8	89.4	96.4	98.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.0	69.8	77.0	80.8	89.6	96.6	98.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	57.4	61.2	63.9	68.9	71.0	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 20000	59.8	62.9	66.9	69.8	75.3	78.4	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 18000	60.1	63.3	67.4	70.3	75.9	79.0	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 16000	60.1	63.3	67.4	70.3	75.9	79.0	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	60.4	63.7	67.8	70.7	76.2	79.3	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 12000	61.8	65.2	69.3	72.2	77.8	80.9	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 10000	62.2	65.7	69.9	72.8	78.4	82.0	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 9000	62.6	66.0	70.2	73.1	78.8	82.3	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 8000	63.4	67.0	71.3	74.2	79.9	83.4	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	63.6	67.1	71.4	74.3	80.0	83.6	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	64.0	67.6	71.9	74.8	80.4	84.0	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 5000	65.4	69.0	73.3	76.2	81.9	85.4	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	66.1	69.7	74.1	77.0	82.7	86.2	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	70.2	73.8	78.2	81.1	86.9	90.4	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	73.0	76.6	81.2	84.2	90.1	93.7	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	74.4	78.0	82.8	86.0	91.9	95.4	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	75.2	78.9	83.9	87.2	93.1	96.7	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	75.7	79.3	84.4	87.9	93.8	97.7	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	75.8	79.4	84.6	88.0	93.9	97.9	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	75.8	79.4	84.6	88.0	94.0	98.2	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	75.8	79.4	84.6	88.0	94.0	98.3	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	75.8	79.4	84.6	88.0	94.0	98.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	75.8	79.4	84.6	88.0	94.0	98.3	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	75.8	79.4	84.6	88.0	94.0	98.3	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	75.8	79.4	84.6	88.0	94.0	98.3	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	75.8	79.4	84.6	88.0	94.0	98.3	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	75.8	79.4	84.6	88.0	94.0	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.8	79.4	84.6	88.0	94.0	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.8	79.4	84.6	88.0	94.0	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.8	79.4	84.6	88.0	94.0	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.8	79.4	84.6	88.0	94.0	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.8	79.4	84.6	88.0	94.0	98.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.9	59.2	63.2	66.1	69.9	70.9	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 20000	60.7	62.1	66.6	69.8	74.3	75.8	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 18000	60.7	62.1	66.6	69.8	74.3	75.8	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 16000	60.7	62.1	66.6	69.8	74.3	75.8	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 14000	60.8	62.2	66.7	69.9	74.4	75.9	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	61.0	62.4	66.9	70.1	74.8	76.2	77.2	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
GE 10000	62.0	63.4	67.9	71.1	75.8	77.3	78.3	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	62.0	63.4	67.9	71.1	75.8	77.3	78.3	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	63.3	64.8	69.2	72.6	77.2	78.8	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
GE 7000	63.4	64.9	69.3	72.7	77.3	78.9	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	64.0	65.4	69.9	73.2	77.9	79.4	80.4	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	65.7	67.1	71.6	74.9	79.6	81.1	82.1	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	66.9	68.3	72.8	76.1	80.8	82.3	83.3	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	69.6	71.0	75.4	78.8	83.4	85.0	86.0	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	71.6	73.1	77.6	81.0	85.7	87.2	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	73.7	75.3	80.2	84.4	89.2	90.8	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	75.2	77.0	82.0	86.2	91.0	92.9	93.9	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	76.1	77.9	82.9	87.2	92.3	94.2	95.2	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 1800	76.4	78.2	83.2	87.7	92.9	94.9	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	77.0	78.8	83.9	88.6	94.6	96.8	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	77.0	78.8	83.9	88.7	94.8	97.2	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	77.0	78.8	83.9	88.7	94.8	97.3	98.3	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	77.0	78.8	83.9	88.7	94.8	97.3	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	77.0	78.8	83.9	88.7	94.8	97.3	98.4	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	77.0	78.8	83.9	88.7	94.8	97.3	98.4	98.8	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	77.0	78.8	83.9	88.7	94.8	97.3	98.4	98.8	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	77.0	78.8	83.9	88.7	94.8	97.3	98.6	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	77.0	78.8	84.0	88.8	94.9	97.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.0	78.8	84.0	88.8	94.9	97.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.0	78.8	84.0	88.8	94.9	97.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.0	78.8	84.0	88.8	94.9	97.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.0	78.8	84.0	88.8	94.9	97.4	98.7	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.5	50.3	53.8	55.8	60.4	62.6	63.8	64.6	65.0	65.4	65.6	65.6	65.7	65.7	65.8	65.8
GE 20000	51.3	53.3	57.0	59.3	64.3	67.2	68.6	69.4	69.8	70.3	70.5	70.5	70.6	70.6	70.7	70.7
GE 18000	51.5	53.5	57.3	59.6	64.6	67.4	68.9	69.7	70.1	70.6	70.8	70.8	70.9	70.9	71.0	71.0
GE 16000	51.5	53.5	57.3	59.6	64.6	67.4	68.9	69.7	70.1	70.6	70.8	70.8	70.9	70.9	71.0	71.0
GE 14000	52.1	54.1	58.0	60.2	65.3	68.1	69.5	70.4	70.8	71.3	71.5	71.5	71.6	71.6	71.7	71.7
GE 12000	52.5	54.6	58.5	60.8	65.8	68.7	70.1	71.0	71.5	71.9	72.1	72.1	72.3	72.3	72.3	72.3
GE 10000	53.0	55.2	59.2	61.5	66.7	69.6	71.1	71.9	72.4	72.9	73.0	73.1	73.2	73.2	73.3	73.3
GE 9000	53.3	55.4	59.4	61.8	66.9	69.9	71.3	72.2	72.7	73.2	73.3	73.3	73.5	73.5	73.5	73.5
GE 8000	53.9	56.0	60.1	62.4	67.6	70.6	72.0	72.9	73.4	73.8	74.0	74.0	74.2	74.2	74.2	74.2
GE 7000	54.0	56.2	60.2	62.5	67.7	70.7	72.2	73.0	73.5	74.0	74.1	74.1	74.3	74.3	74.3	74.3
GE 6000	54.3	56.5	60.6	63.0	68.2	71.2	72.7	73.6	74.0	74.5	74.7	74.7	74.8	74.8	74.8	74.8
GE 5000	55.7	57.9	62.0	64.5	69.8	72.8	74.3	75.2	75.6	76.1	76.3	76.3	76.4	76.4	76.5	76.5
GE 4500	56.7	58.9	63.2	65.7	71.0	74.0	75.5	76.4	76.8	77.3	77.5	77.5	77.7	77.7	77.7	77.7
GE 4000	59.6	61.8	66.3	68.8	74.3	77.3	78.8	79.7	80.2	80.6	80.8	80.8	81.0	81.0	81.0	81.0
GE 3500	61.8	64.1	68.7	71.4	76.9	79.9	81.5	82.4	82.8	83.3	83.5	83.5	83.6	83.7	83.7	83.8
GE 3000	64.5	66.9	71.9	74.9	80.7	83.7	85.3	86.2	86.7	87.1	87.3	87.3	87.5	87.5	87.6	87.7
GE 2500	65.9	68.4	73.7	76.7	82.6	85.8	87.5	88.4	88.8	89.3	89.5	89.5	89.7	89.7	89.8	89.8
GE 2000	66.7	69.4	74.8	77.9	84.1	87.5	89.2	90.2	90.6	91.1	91.3	91.3	91.5	91.5	91.6	91.7
GE 1800	66.9	69.6	75.1	78.2	84.5	87.9	89.6	90.6	91.0	91.5	91.7	91.7	91.9	91.9	92.0	92.0
GE 1500	67.4	70.1	75.9	79.2	85.8	89.5	91.2	92.2	92.7	93.2	93.4	93.4	93.6	93.6	93.6	93.6
GE 1200	67.5	70.2	76.0	79.4	86.1	89.9	91.8	92.8	93.3	93.8	94.0	94.0	94.2	94.2	94.3	94.3
GE 1000	67.6	70.3	76.2	79.6	86.3	90.3	92.3	93.4	94.1	94.6	94.8	94.8	95.1	95.1	95.2	95.3
GE 900	67.6	70.3	76.3	79.7	86.5	90.4	92.5	93.6	94.4	95.1	95.3	95.3	95.6	95.6	95.7	95.7
GE 800	67.6	70.4	76.3	79.7	86.6	90.6	92.8	93.9	94.8	95.5	95.7	95.8	96.1	96.1	96.2	96.2
GE 700	67.7	70.4	76.4	79.8	86.7	90.8	92.9	94.2	95.1	95.8	96.1	96.2	96.4	96.5	96.6	96.6
GE 600	67.7	70.4	76.4	79.8	86.8	90.9	93.1	94.3	95.3	96.1	96.5	96.6	96.9	96.9	97.1	97.2
GE 500	67.7	70.4	76.4	79.8	86.8	90.9	93.2	94.5	95.5	96.4	96.9	97.0	97.3	97.4	97.5	97.7
GE 400	67.7	70.4	76.4	79.9	86.9	90.9	93.3	94.7	95.7	96.7	97.2	97.4	97.8	97.8	98.1	98.3
GE 300	67.7	70.4	76.4	79.9	86.9	90.9	93.4	94.7	95.8	96.8	97.3	97.6	98.0	98.1	98.5	98.7
GE 200	67.7	70.4	76.4	79.9	86.9	90.9	93.4	94.7	95.8	96.8	97.4	97.6	98.2	98.3	98.8	99.0
GE 100	67.7	70.4	76.4	79.9	86.9	90.9	93.4	94.7	95.8	96.8	97.4	97.7	98.2	98.3	98.9	99.1
GE 000	67.7	70.4	76.4	79.9	86.9	90.9	93.4	94.7	95.8	96.8	97.4	97.7	98.2	98.3	98.9	99.1

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	43.2	47.3	51.0	55.3	56.8	59.6	61.0	61.3	62.0	62.2	62.4	62.4	62.4	62.5	62.5
GE 20000	42.4	44.6	49.1	52.8	57.5	59.0	62.0	63.4	63.8	64.6	64.7	64.9	64.9	64.9	65.1	65.1
GE 18000	42.4	44.6	49.1	52.8	57.5	59.0	62.0	63.4	63.8	64.6	64.7	64.9	64.9	64.9	65.1	65.1
GE 16000	42.4	44.6	49.1	52.8	57.5	59.0	62.0	63.4	63.8	64.6	64.7	64.9	64.9	64.9	65.1	65.1
GE 14000	42.6	44.8	49.5	53.1	58.1	59.8	62.8	64.2	64.5	65.4	65.5	65.7	65.7	65.7	65.8	65.8
GE 12000	42.8	45.2	49.8	53.4	58.4	60.2	63.2	64.6	64.9	65.8	65.9	66.1	66.1	66.1	66.2	66.2
GE 10000	42.9	45.3	49.9	53.5	58.5	60.3	63.3	64.7	65.1	65.9	66.0	66.2	66.2	66.2	66.3	66.3
GE 9000	43.2	45.6	50.2	53.9	58.8	60.6	63.7	65.1	65.4	66.2	66.3	66.6	66.6	66.6	66.7	66.7
GE 8000	43.3	45.7	50.3	54.1	59.0	60.9	63.9	65.3	65.6	66.5	66.6	66.8	66.8	66.8	66.9	66.9
GE 7000	43.3	45.7	50.3	54.1	59.0	60.9	63.9	65.3	65.6	66.5	66.6	66.8	66.8	66.8	66.9	66.9
GE 6000	43.3	45.8	50.4	54.2	59.1	61.0	64.0	65.4	65.7	66.6	66.7	66.9	66.9	66.9	67.0	67.0
GE 5000	43.5	46.0	50.6	54.4	59.4	61.3	64.3	65.7	66.0	67.1	67.2	67.4	67.4	67.4	67.5	67.5
GE 4500	44.8	47.3	51.9	55.7	60.6	62.6	65.6	67.0	67.3	68.4	68.5	68.7	68.7	68.7	68.8	68.8
GE 4000	45.8	48.3	53.0	56.8	61.8	63.8	66.8	68.2	68.5	69.6	69.7	69.9	69.9	69.9	70.0	70.0
GE 3500	48.2	50.6	55.4	59.1	64.5	66.5	69.5	70.9	71.2	72.3	72.4	72.6	72.6	72.6	72.7	72.7
GE 3000	50.0	52.5	57.2	61.0	66.3	68.3	71.3	72.7	73.0	74.1	74.2	74.4	74.4	74.4	74.5	74.5
GE 2500	51.3	54.0	59.4	63.2	68.6	70.5	73.5	74.9	75.3	76.3	76.5	76.7	76.7	76.7	76.8	76.8
GE 2000	52.9	55.6	61.2	65.1	71.2	73.1	76.1	77.5	77.8	79.0	79.1	79.4	79.4	79.4	79.5	79.5
GE 1800	53.8	56.5	62.5	66.3	72.8	74.7	77.8	79.2	79.6	80.8	80.8	81.1	81.1	81.1	81.2	81.2
GE 1500	54.7	57.4	63.9	68.4	75.6	77.5	80.8	82.2	82.5	83.7	83.8	84.0	84.0	84.0	84.1	84.1
GE 1200	55.9	58.6	65.8	71.1	78.5	80.6	84.1	85.5	85.8	87.3	87.4	87.6	87.6	87.6	87.7	87.7
GE 1000	55.9	58.6	66.5	72.0	80.8	83.2	87.2	88.7	89.0	90.5	90.6	90.9	90.9	90.9	91.0	91.0
GE 900	56.3	59.0	66.9	72.8	81.8	84.4	88.7	90.2	90.5	92.0	92.2	92.4	92.4	92.4	92.5	92.5
GE 800	56.5	59.1	67.0	72.9	82.3	84.8	89.8	91.3	91.6	93.1	93.2	93.4	93.4	93.4	93.5	93.5
GE 700	56.5	59.1	67.0	72.9	82.3	84.8	89.8	91.4	91.7	93.3	93.4	93.7	93.7	93.7	93.8	93.8
GE 600	56.5	59.1	67.0	72.9	82.4	85.2	90.1	92.0	92.6	94.2	94.3	94.5	94.5	94.5	94.6	94.6
GE 500	56.5	59.1	67.0	72.9	82.4	85.2	90.8	92.8	93.8	96.0	96.5	96.7	96.8	96.8	96.9	96.9
GE 400	56.5	59.1	67.0	72.9	82.4	85.2	90.8	93.0	94.0	97.1	97.5	97.7	98.0	98.1	98.2	98.2
GE 300	56.5	59.1	67.0	72.9	82.4	85.3	91.0	93.2	94.2	97.3	97.7	98.0	98.2	98.3	98.7	98.8
GE 200	56.5	59.1	67.0	72.9	82.4	85.3	91.0	93.2	94.2	97.3	97.7	98.0	98.3	98.4	99.0	99.7
GE 100	56.5	59.1	67.0	72.9	82.4	85.3	91.0	93.2	94.2	97.5	98.1	98.3	98.6	98.7	99.4	100.0
GE 000	56.5	59.1	67.0	72.9	82.4	85.3	91.0	93.2	94.2	97.5	98.1	98.3	98.6	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															GE 0
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	31.9	32.9	36.0	38.0	41.5	43.2	44.6	46.2	47.2	48.3	48.9	48.9	49.7	49.7	49.9	50.2
GE 20000	33.1	34.2	37.3	39.2	43.1	44.8	46.5	48.1	49.2	50.4	51.1	51.1	51.9	51.9	52.2	52.6
GE 18000	33.1	34.2	37.3	39.2	43.1	44.8	46.5	48.1	49.2	50.4	51.1	51.1	51.9	51.9	52.2	52.6
GE 16000	33.1	34.2	37.3	39.2	43.1	44.8	46.6	48.2	49.4	50.5	51.2	51.2	52.0	52.0	52.3	52.7
GE 14000	33.7	34.7	37.8	39.8	43.7	45.4	47.2	48.8	50.0	51.2	51.8	51.8	52.7	52.7	52.9	53.3
GE 12000	33.7	34.7	38.1	40.0	44.0	45.7	47.7	49.4	50.5	51.7	52.4	52.4	53.2	53.2	53.4	53.7
GE 10000	33.9	34.9	38.3	40.2	44.2	45.9	48.0	49.6	50.8	51.9	52.6	52.6	53.4	53.4	53.7	54.0
GE 9000	34.2	35.3	38.6	40.5	44.5	46.2	48.3	49.9	51.1	52.3	52.9	52.9	53.8	53.8	54.0	54.3
GE 8000	34.3	35.4	38.7	40.6	44.6	46.3	48.4	50.0	51.2	52.4	53.0	53.0	53.9	53.9	54.1	54.4
GE 7000	34.3	35.4	38.7	40.6	44.6	46.3	48.4	50.0	51.2	52.4	53.0	53.0	53.9	53.9	54.1	54.4
GE 6000	34.3	35.4	38.7	40.6	44.6	46.3	48.4	50.0	51.2	52.5	53.1	53.1	54.0	54.0	54.2	54.5
GE 5000	35.2	36.2	39.6	41.5	45.5	47.2	49.2	50.9	52.0	53.3	54.0	54.0	54.8	54.8	55.1	55.4
GE 4500	35.8	36.9	40.2	42.2	46.1	47.8	49.9	51.5	52.7	54.0	54.6	54.6	55.5	55.5	55.7	56.0
GE 4000	36.0	37.1	40.4	42.5	46.7	48.4	50.4	52.0	53.2	54.5	55.2	55.2	56.0	56.0	56.2	56.5
GE 3500	38.2	39.2	42.6	44.6	48.8	50.5	52.6	54.2	55.4	56.7	57.3	57.3	58.2	58.2	58.4	58.8
GE 3000	39.2	40.4	43.9	45.9	50.1	51.8	53.9	55.5	56.7	58.0	58.6	58.6	59.5	59.5	59.7	60.1
GE 2500	41.2	42.5	46.5	48.8	53.4	55.3	57.4	59.0	60.2	61.5	62.2	62.2	63.0	63.0	63.2	63.7
GE 2000	43.4	44.7	49.2	51.8	57.1	59.1	61.5	63.3	64.6	65.9	66.6	66.6	67.4	67.4	67.6	68.1
GE 1800	44.0	45.3	49.8	52.5	58.1	60.1	62.5	64.4	65.7	67.0	67.6	67.6	68.5	68.5	68.7	69.1
GE 1500	45.1	46.5	51.6	54.7	61.4	63.5	66.7	68.8	70.1	71.4	72.0	72.0	72.9	72.9	73.1	73.5
GE 1200	46.2	47.6	53.0	56.2	64.0	66.5	69.8	72.2	73.4	74.7	75.4	75.4	76.3	76.3	76.5	76.9
GE 1000	46.5	48.0	53.4	56.7	65.1	67.7	71.4	74.2	75.5	77.1	77.7	77.7	78.8	78.9	79.1	79.5
GE 900	46.7	48.2	53.9	57.1	65.9	68.8	72.6	75.6	76.9	78.5	79.1	79.1	80.2	80.3	80.5	80.9
GE 800	46.7	48.2	53.9	57.4	66.7	69.7	74.3	77.6	78.9	80.5	81.2	81.2	82.3	82.4	82.6	83.0
GE 700	46.7	48.2	53.9	57.4	66.9	70.0	74.9	78.6	80.0	81.8	82.5	82.5	83.8	83.9	84.1	84.5
GE 600	46.7	48.2	54.0	57.5	67.2	70.4	75.5	80.1	81.6	83.4	84.1	84.2	85.5	85.6	85.8	86.1
GE 500	46.7	48.2	54.0	57.5	67.2	70.4	75.9	80.9	82.8	85.1	86.3	86.5	87.8	88.0	88.3	88.7
GE 400	46.7	48.2	54.0	57.5	67.2	70.4	76.1	81.4	83.5	86.6	88.2	88.4	90.1	90.2	90.5	90.9
GE 300	46.7	48.2	54.0	57.5	67.2	70.4	76.1	81.4	83.5	86.9	88.9	89.4	91.4	91.5	91.8	92.2
GE 200	46.7	48.2	54.0	57.5	67.2	70.4	76.1	81.4	83.5	86.9	89.1	89.6	92.0	92.5	92.5	92.9
GE 100	46.7	48.2	54.0	57.5	67.2	70.4	76.1	81.4	83.5	87.0	89.4	89.8	92.3	92.7	93.0	93.4
GE 000	46.7	48.2	54.0	57.5	67.2	70.4	76.1	81.4	83.5	87.0	89.4	89.8	92.3	92.7	93.4	93.8

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.4	29.7	32.0	34.4	38.2	40.4	42.6	44.4	45.8	46.6	47.3	47.3	47.7	47.7	47.7	47.8
GE 20000	30.8	31.2	33.7	36.0	40.2	42.7	45.1	46.9	48.3	49.2	50.2	50.2	50.6	50.6	50.8	50.9
GE 18000	30.8	31.2	33.7	36.0	40.2	42.7	45.1	46.9	48.3	49.2	50.2	50.2	50.6	50.6	50.8	50.9
GE 16000	30.8	31.2	33.7	36.0	40.2	42.7	45.1	46.9	48.3	49.2	50.2	50.2	50.6	50.6	50.8	50.9
GE 14000	31.1	31.5	34.0	36.3	40.5	43.0	45.4	47.2	48.6	49.6	50.5	50.5	51.0	51.0	51.1	51.2
GE 12000	31.6	32.0	34.5	37.0	41.2	44.0	46.3	48.3	49.7	50.6	51.6	51.6	52.0	52.0	52.2	52.3
GE 10000	32.0	32.5	35.1	37.5	41.7	44.5	46.9	48.8	50.2	51.2	52.2	52.2	52.6	52.6	52.7	52.8
GE 9000	32.0	32.5	35.1	37.5	41.7	44.5	46.9	48.8	50.2	51.2	52.2	52.2	52.6	52.6	52.7	52.8
GE 8000	32.0	32.5	35.1	37.7	42.2	44.9	47.3	49.2	50.6	51.6	52.6	52.6	53.0	53.0	53.1	53.2
GE 7000	32.0	32.5	35.1	37.7	42.2	44.9	47.3	49.2	50.6	51.6	52.6	52.6	53.0	53.0	53.1	53.2
GE 6000	32.0	32.5	35.1	37.7	42.2	44.9	47.3	49.2	50.6	51.6	52.6	52.6	53.0	53.0	53.1	53.2
GE 5000	32.5	32.9	35.5	38.2	42.6	45.4	47.7	49.7	51.1	52.2	53.1	53.1	53.5	53.5	53.7	53.8
GE 4500	32.9	33.3	35.9	38.6	43.0	45.8	48.2	50.1	51.5	52.6	53.5	53.5	54.0	54.0	54.1	54.2
GE 4000	33.9	34.4	37.1	40.0	44.5	47.4	49.8	51.7	53.1	54.4	55.4	55.4	55.8	55.8	55.9	56.0
GE 3500	36.6	37.1	40.0	42.9	45	50.4	52.9	54.9	56.3	57.6	58.6	58.6	59.0	59.0	59.1	59.2
GE 3000	39.2	39.8	42.7	45.6	50.3	53.2	55.7	57.8	59.2	60.5	61.5	61.5	61.9	61.9	62.0	62.2
GE 2500	42.4	43.1	46.5	49.8	55.2	58.2	60.9	63.2	64.8	66.1	67.1	67.1	67.5	67.5	67.6	67.7
GE 2000	43.1	44.0	47.7	51.4	57.2	60.2	63.3	65.9	67.5	68.8	69.8	69.8	70.2	70.2	70.3	70.4
GE 1800	43.7	44.7	48.7	52.5	58.8	61.9	65.3	68.0	69.6	70.9	71.8	71.8	72.3	72.3	72.4	72.5
GE 1500	44.1	45.5	49.9	54.2	61.5	65.1	68.9	71.7	73.7	74.9	75.9	75.9	76.3	76.3	76.5	76.6
GE 1200	44.3	45.7	50.2	54.9	62.9	67.3	71.6	75.1	77.2	78.7	79.7	79.7	80.2	80.3	80.4	80.5
GE 1000	44.3	45.7	50.3	55.1	63.8	68.2	72.8	76.3	78.7	80.4	81.4	81.4	81.9	82.0	82.2	82.3
GE 900	44.6	46.0	50.6	55.6	64.5	69.0	73.7	77.5	80.0	81.8	82.9	82.9	83.4	83.5	83.7	83.8
GE 800	44.6	46.0	50.6	55.6	64.6	69.6	74.4	78.5	81.1	82.9	84.2	84.2	84.8	84.9	85.1	85.2
GE 700	44.6	46.0	50.6	55.6	64.6	69.7	74.6	78.9	81.7	83.9	85.5	85.5	86.1	86.2	86.3	86.5
GE 600	44.6	46.0	50.6	55.6	64.6	69.8	74.8	79.8	82.8	85.6	87.4	87.4	88.2	88.3	88.4	88.5
GE 500	44.6	46.0	50.6	55.6	64.6	69.8	74.9	79.9	83.1	86.7	89.2	89.6	90.8	90.9	91.4	91.6
GE 400	44.6	46.0	50.6	55.6	64.6	69.8	74.9	80.2	84.0	87.8	91.0	91.6	93.0	93.1	94.0	94.3
GE 300	44.6	46.0	50.6	55.6	64.6	69.8	74.9	80.2	84.0	88.0	91.5	92.2	94.1	94.2	95.7	96.2
GE 200	44.6	46.0	50.6	55.6	64.6	69.8	74.9	80.2	84.0	88.0	91.5	92.2	94.2	94.4	96.3	98.7
GE 100	44.6	46.0	50.6	55.6	64.6	69.8	74.9	80.2	84.0	88.0	91.5	92.2	94.2	94.4	96.6	99.7
GE 000	44.6	46.0	50.6	55.6	64.6	69.8	74.9	80.2	84.0	88.0	91.5	92.2	94.2	94.4	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															TOTAL
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	36.0	39.1	44.0	49.1	57.6	61.1	63.7	64.8	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	37.8	41.4	46.7	52.0	60.9	64.7	67.3	68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	37.8	41.4	46.7	52.0	61.0	64.8	67.4	68.7	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	37.8	41.4	46.7	52.0	61.0	64.8	67.4	68.7	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	38.2	41.9	47.4	52.8	61.7	65.6	68.2	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	38.6	42.4	48.0	53.3	62.3	66.1	68.7	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 10000	38.6	42.4	48.0	53.3	62.3	66.2	68.8	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	38.7	42.5	48.1	53.4	62.4	66.3	68.9	70.2	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	38.8	42.6	48.4	53.8	62.7	66.7	69.2	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	38.8	42.6	48.4	53.8	62.7	66.7	69.2	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	39.1	42.9	48.7	54.1	63.0	67.1	69.7	71.0	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	39.4	43.3	49.1	54.5	63.4	67.5	70.1	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	39.9	43.9	49.8	55.2	64.1	68.3	70.9	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4000	41.8	45.8	51.7	57.1	66.2	70.4	73.1	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3500	45.7	49.9	55.8	61.3	70.4	74.8	77.5	78.8	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	50.9	55.2	61.6	67.2	76.8	81.2	83.9	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2500	53.2	57.7	64.9	70.6	80.5	85.5	88.3	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	53.7	58.3	65.9	72.0	82.2	87.6	90.5	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	53.7	58.3	66.0	72.2	82.3	88.0	90.9	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	54.1	58.8	66.9	73.0	83.7	89.9	92.8	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	54.3	59.0	67.1	73.3	84.1	90.5	93.4	95.5	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	54.3	59.0	67.1	73.3	84.1	90.9	94.1	96.7	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	54.3	59.0	67.1	73.3	84.1	90.9	94.2	96.9	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	54.3	59.0	67.1	73.3	84.1	90.9	94.2	97.0	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	54.3	59.0	67.1	73.3	84.1	90.9	94.2	97.0	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	54.3	59.0	67.1	73.3	84.1	90.9	94.2	97.0	98.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	54.3	59.0	67.1	73.3	84.1	90.9	94.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	54.3	59.0	67.1	73.3	84.1	90.9	94.2	97.0	98.6	99.5	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	54.3	59.0	67.1	73.3	84.1	90.9	94.2	97.0	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	54.3	59.0	67.1	73.3	84.1	90.9	94.2	97.0	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	54.3	59.0	67.1	73.3	84.1	90.9	94.2	97.0	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	54.3	59.0	67.1	73.3	84.1	90.9	94.2	97.0	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	36.9	44.5	50.8	63.9	67.5	71.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 20000	35.7	39.9	47.8	54.7	68.5	72.6	76.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000	35.9	40.1	48.1	55.1	68.8	72.9	76.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 16000	35.9	40.1	48.1	55.1	68.8	72.9	76.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 14000	36.3	40.5	48.6	55.7	69.6	73.7	77.4	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 12000	36.7	41.1	49.1	56.2	70.1	74.2	78.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 10000	36.8	41.4	49.5	56.6	70.6	74.7	78.5	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	36.8	41.4	49.5	56.6	70.6	74.7	78.5	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	36.9	41.5	49.7	56.8	70.9	74.9	78.7	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	37.0	41.6	49.8	56.9	71.0	75.1	78.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 6000	38.0	42.6	50.8	58.2	72.4	76.6	80.3	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000	38.9	43.7	51.8	59.2	73.4	77.6	81.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	39.8	44.5	53.0	60.4	74.6	78.8	82.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	42.2	47.1	55.6	63.1	77.6	81.8	85.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	45.8	50.8	59.5	67.2	81.9	86.1	89.9	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	48.2	53.7	62.9	70.9	86.2	90.4	94.4	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	48.8	54.7	64.0	72.0	87.5	91.9	95.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	48.8	54.7	64.1	72.5	88.1	92.7	96.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	48.8	54.7	64.2	72.6	88.3	92.9	96.9	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	49.1	55.1	64.5	72.9	88.8	93.4	97.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.6	42.4	51.1	57.0	68.5	73.8	74.5	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 20000	40.6	45.6	54.5	61.3	73.4	79.1	80.0	80.3	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 18000	40.9	45.9	54.8	61.6	73.9	79.6	80.4	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 16000	40.9	45.9	54.8	61.6	73.9	79.6	80.4	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 14000	41.2	46.3	55.3	62.0	74.3	80.0	80.9	81.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 12000	41.9	47.4	56.5	63.2	75.7	81.5	82.4	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 10000	41.9	47.5	56.6	63.3	75.9	81.7	82.6	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 9000	42.0	47.6	56.8	63.5	76.1	81.9	82.8	83.3	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 8000	42.2	47.7	56.9	63.7	76.2	82.0	82.9	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	42.3	47.8	57.0	63.8	76.3	82.2	83.0	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	42.8	48.4	57.6	64.4	77.0	82.8	83.7	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 5000	44.8	50.5	59.8	66.6	79.2	85.1	85.9	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4500	45.7	51.4	60.8	67.6	80.3	86.1	87.0	87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4000	48.4	54.4	63.9	71.0	83.8	89.6	90.4	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3500	50.9	57.1	66.7	73.8	86.6	92.4	93.3	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	52.0	53.6	68.7	76.6	90.0	95.8	96.8	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	52.3	58.8	68.9	76.8	90.3	96.3	97.3	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	52.5	59.0	69.1	77.1	91.0	97.0	98.0	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	52.5	59.0	69.4	77.3	91.2	97.2	98.2	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	52.5	59.0	69.4	77.3	91.2	97.3	98.3	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	57.2	64.0	67.1	74.3	76.9	77.2	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 20000	55.1	59.2	66.9	70.6	78.5	81.2	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 18000	55.2	59.4	67.0	70.8	78.6	81.3	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	55.3	59.5	67.1	70.9	78.7	81.4	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	55.5	59.7	67.3	71.2	79.0	81.7	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 12000	56.5	61.0	68.6	72.6	80.5	83.2	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 10000	57.3	61.9	69.6	73.5	81.6	84.4	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 9000	57.3	61.9	69.6	73.5	81.6	84.4	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 8000	57.5	62.2	69.8	73.8	81.9	84.7	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 7000	57.6	62.3	69.9	73.9	82.0	84.8	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	57.6	62.5	70.2	74.2	82.4	85.2	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000	59.6	64.5	72.8	76.8	84.9	87.7	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	60.2	65.2	73.4	77.4	85.6	88.4	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	61.7	66.9	75.3	79.6	87.7	90.5	90.9	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	64.2	69.6	78.3	82.7	91.0	93.8	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	65.9	71.3	80.4	85.1	94.2	97.1	97.6	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	66.1	71.5	80.6	85.3	94.4	97.3	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	66.3	71.7	81.0	85.8	95.1	98.0	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	66.3	71.7	81.0	85.8	95.1	98.0	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	66.3	71.7	81.0	85.8	95.1	98.0	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.3	71.7	81.0	85.8	95.1	98.0	98.5	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.3	56.0	62.5	65.7	71.8	73.2	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 20000	54.3	57.1	64.0	67.3	74.0	75.4	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000	54.7	57.5	64.4	67.7	74.4	75.8	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 16000	54.8	57.6	64.5	67.8	74.6	76.0	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 14000	54.9	57.7	64.8	68.4	75.3	76.7	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 12000	55.7	58.5	65.6	69.1	76.0	77.4	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 10000	55.9	58.8	65.9	69.5	76.3	77.7	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 9000	55.9	58.8	65.9	69.6	76.5	77.8	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 8000	56.0	58.9	66.0	69.7	76.6	78.0	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 7000	56.0	58.9	66.1	69.8	76.7	78.1	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	56.1	59.4	66.6	70.2	77.1	78.5	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	57.7	61.0	68.2	71.8	78.9	80.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	58.6	61.8	69.0	72.7	79.8	81.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	60.6	63.9	71.2	74.8	82.0	83.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500	63.2	66.6	74.3	78.1	85.3	86.8	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	65.5	68.9	77.0	80.9	88.1	89.7	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	66.2	69.7	78.1	82.0	89.2	90.9	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	67.3	71.0	79.4	83.3	91.0	92.6	94.5	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	67.6	71.3	79.7	83.7	91.4	93.0	94.9	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	67.7	71.4	80.4	84.6	92.7	94.3	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	68.2	71.8	81.3	85.6	93.8	95.6	97.6	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	68.2	71.8	81.3	85.6	93.8	95.6	97.8	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	68.3	71.9	81.4	85.7	94.2	96.0	98.3	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	68.3	71.9	81.4	85.7	94.2	96.0	98.3	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	68.3	71.9	81.4	85.7	94.2	96.0	98.3	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	68.3	71.9	81.4	85.7	94.2	96.1	98.4	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	68.3	71.9	81.4	85.7	94.2	96.1	98.4	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	68.3	71.9	81.4	85.7	94.2	96.1	98.4	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	68.3	71.9	81.4	85.7	94.2	96.1	98.4	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	68.3	71.9	81.4	85.7	94.2	96.1	98.4	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	68.3	71.9	81.4	85.7	94.2	96.1	98.4	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	68.3	71.9	81.4	85.7	94.2	96.1	98.4	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722 40

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.4	42.2	47.7	51.6	58.9	61.6	63.5	64.5	64.9	65.3	65.5	65.5	65.7	65.7	65.7	65.8
GE 20000	41.2	44.2	50.0	54.3	62.0	64.9	67.0	68.0	68.5	68.9	69.1	69.2	69.3	69.3	69.4	69.4
GE 18000	41.3	44.3	50.1	54.4	62.2	65.1	67.2	68.2	68.7	69.1	69.3	69.3	69.5	69.5	69.5	69.6
GE 16000	41.4	44.3	50.2	54.4	62.2	65.2	67.2	68.2	68.7	69.1	69.4	69.4	69.5	69.5	69.6	69.7
GE 14000	41.7	44.7	50.6	54.9	62.8	65.7	67.8	68.8	69.3	69.8	70.0	70.0	70.2	70.2	70.2	70.3
GE 12000	42.2	45.3	51.3	55.6	63.5	66.5	68.6	69.7	70.2	70.7	70.9	70.9	71.1	71.1	71.1	71.2
GE 10000	42.4	45.6	51.6	55.9	63.9	66.9	69.0	70.1	70.6	71.1	71.3	71.3	71.5	71.5	71.5	71.6
GE 9000	42.5	45.7	51.7	56.1	64.0	67.1	69.2	70.3	70.8	71.2	71.4	71.4	71.6	71.6	71.7	71.7
GE 8000	42.6	45.8	51.9	56.3	64.3	67.3	69.4	70.5	71.0	71.4	71.6	71.7	71.8	71.8	71.9	71.9
GE 7000	42.7	45.8	51.9	56.3	64.3	67.4	69.4	70.5	71.0	71.5	71.7	71.7	71.9	71.9	71.9	72.0
GE 6000	42.9	46.2	52.3	56.7	64.7	67.8	69.9	71.0	71.5	71.9	72.1	72.2	72.3	72.3	72.4	72.4
GE 5000	44.0	47.3	53.4	57.9	65.9	69.0	71.1	72.2	72.7	73.2	73.4	73.4	73.6	73.6	73.6	73.7
GE 4500	44.7	48.0	54.3	58.7	66.8	69.9	72.0	73.1	73.6	74.0	74.3	74.3	74.4	74.4	74.5	74.6
GE 4000	46.3	49.7	56.0	60.6	68.8	71.9	74.0	75.1	75.7	76.2	76.4	76.4	76.6	76.6	76.6	76.7
GE 3500	49.1	52.6	59.1	63.7	72.0	75.2	77.3	78.4	79.0	79.5	79.7	79.7	79.9	79.9	79.9	80.0
GE 3000	51.4	55.0	61.8	66.6	75.3	78.4	80.6	81.8	82.3	82.8	83.0	83.1	83.2	83.2	83.3	83.3
GE 2500	52.7	56.5	63.6	68.6	77.4	80.7	83.0	84.2	84.8	85.3	85.5	85.5	85.7	85.7	85.7	85.8
GE 2000	53.5	57.4	64.7	69.9	79.1	82.5	84.9	86.1	86.8	87.3	87.6	87.6	87.7	87.7	87.8	87.9
GE 1800	53.8	57.7	65.1	70.3	79.7	83.2	85.6	86.9	87.6	88.1	88.3	88.3	88.5	88.5	88.6	88.6
GE 1500	54.2	58.2	65.9	71.4	81.2	84.9	87.5	88.9	89.6	90.2	90.4	90.4	90.6	90.6	90.6	90.7
GE 1200	54.6	58.6	66.5	72.2	82.3	86.2	88.9	90.4	91.3	91.9	92.1	92.1	92.3	92.3	92.4	92.5
GE 1000	54.6	58.6	66.7	72.3	82.8	86.8	89.7	91.5	92.4	93.1	93.3	93.4	93.6	93.6	93.7	93.7
GE 900	54.8	58.8	66.8	72.6	83.2	87.2	90.2	92.1	93.0	93.8	94.0	94.0	94.2	94.3	94.3	94.4
GE 800	54.8	58.8	66.9	72.6	83.4	87.5	90.7	92.6	93.6	94.4	94.6	94.7	94.9	94.9	94.9	95.0
GE 700	54.8	58.8	66.9	72.6	83.4	87.5	90.8	92.8	93.8	94.7	95.0	95.1	95.3	95.3	95.4	95.4
GE 600	54.8	58.8	66.9	72.6	83.4	87.6	90.9	93.2	94.3	95.3	95.6	95.7	96.0	96.0	96.0	96.1
GE 500	54.8	58.8	66.9	72.6	83.4	87.6	91.1	93.4	94.7	95.4	96.5	96.5	96.9	96.9	97.1	97.2
GE 400	54.8	58.8	66.9	72.6	83.4	87.6	91.1	93.5	94.9	96.4	97.0	97.2	97.6	97.7	97.8	98.0
GE 300	54.8	58.8	66.9	72.6	83.4	87.6	91.1	93.6	94.9	96.4	97.2	97.4	98.0	98.0	98.4	98.7
GE 200	54.8	58.8	66.9	72.6	83.4	87.6	91.1	93.6	94.9	96.4	97.3	97.4	98.1	98.2	98.7	99.6
GE 100	54.8	58.8	66.9	72.6	83.4	87.6	91.1	93.6	94.9	96.5	97.3	97.5	98.1	98.2	98.9	99.9
GE 000	54.8	58.8	66.9	72.6	83.4	87.6	91.1	93.6	94.9	96.5	97.3	97.5	98.1	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	46.0	54.0	60.7	70.3	72.4	73.9	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 20000	42.8	46.7	54.7	61.4	71.3	73.4	75.0	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 18000	42.8	46.7	54.7	61.4	71.3	73.4	75.0	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 16000	42.8	46.7	54.7	61.4	71.3	73.4	75.0	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 14000	42.8	46.7	54.7	61.8	71.7	73.8	75.3	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	44.1	48.0	56.0	63.1	73.0	75.1	76.7	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 10000	44.4	48.3	56.3	63.4	73.3	75.4	77.0	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	44.4	48.3	56.3	63.4	73.3	75.4	77.0	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	44.4	48.3	56.3	63.4	73.3	75.4	77.0	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	44.4	48.3	56.3	63.4	73.3	75.4	77.0	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	44.4	48.3	56.3	63.4	73.3	75.4	77.0	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 5000	44.4	48.3	56.3	63.4	73.3	75.4	77.0	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	44.8	48.7	56.7	63.8	73.7	75.8	77.3	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	45.0	48.9	56.9	64.0	74.1	76.2	77.8	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	45.4	49.3	57.3	64.4	74.6	76.7	78.2	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	46.0	49.9	58.0	65.2	75.4	77.6	79.1	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2500	46.9	50.9	59.0	66.6	76.8	78.9	80.4	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	48.3	52.4	60.6	68.2	78.7	80.9	82.6	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	48.4	52.6	60.7	68.4	79.0	81.4	83.1	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	49.0	53.1	61.4	69.4	80.3	83.0	84.7	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	49.2	53.3	61.8	70.7	82.2	85.2	87.0	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	49.3	53.4	61.9	71.0	82.8	86.2	88.2	89.2	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	49.7	53.8	62.2	71.6	83.6	87.3	89.4	90.4	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	49.8	53.9	62.3	71.7	84.4	88.3	90.8	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	50.0	54.1	62.6	72.0	84.8	88.8	91.4	93.3	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	50.0	54.1	62.6	72.1	85.2	89.6	92.3	94.4	94.9	95.3	95.6	95.7	95.7	95.7	95.7	95.7
GE 500	50.0	54.1	62.6	72.1	85.2	89.7	92.8	95.1	95.6	96.3	96.8	96.9	96.9	96.9	96.9	96.9
GE 400	50.0	54.1	62.6	72.1	85.2	89.7	92.8	95.6	96.1	97.4	98.2	98.3	98.3	98.3	98.4	98.4
GE 300	50.0	54.1	62.6	72.1	85.2	89.7	92.8	95.7	96.2	97.7	98.7	98.8	98.9	99.0	99.1	99.1
GE 200	50.0	54.1	62.6	72.1	85.2	89.7	92.8	95.8	96.3	97.8	98.8	98.9	99.1	99.1	99.1	99.1
GE 100	50.0	54.1	62.6	72.1	85.2	89.7	92.8	95.8	96.3	97.8	98.8	98.9	99.2	99.2	99.2	99.2
GE 000	50.0	54.1	62.6	72.1	85.2	89.7	92.8	95.8	96.3	97.8	98.8	98.9	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFR CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.4	33.9	37.8	41.1	50.1	53.0	56.1	57.9	58.7	59.2	59.4	59.8	60.6	60.6	60.7	60.7
GE 20000	30.7	34.1	38.0	41.4	50.6	53.4	56.7	58.4	59.2	59.8	60.0	60.3	61.1	61.1	61.2	61.2
GE 18000	30.7	34.1	38.0	41.4	50.6	53.4	56.7	58.4	59.2	59.8	60.0	60.3	61.2	61.3	61.4	61.4
GE 16000	30.7	34.1	38.0	41.4	50.6	53.4	56.7	58.4	59.2	59.8	60.0	60.3	61.2	61.3	61.4	61.4
GE 14000	30.8	34.3	38.2	41.9	51.2	54.1	57.3	59.1	59.9	60.4	60.7	61.0	61.9	62.0	62.1	62.1
GE 12000	31.6	35.1	39.1	42.8	52.1	55.0	58.3	60.1	60.9	61.4	61.7	62.0	62.9	63.0	63.1	63.1
GE 10000	31.8	35.3	39.3	43.0	52.3	55.2	58.6	60.3	61.1	61.7	61.9	62.2	63.1	63.2	63.3	63.3
GE 9000	31.8	35.3	39.3	43.0	52.3	55.2	58.6	60.3	61.1	61.7	61.9	62.2	63.1	63.2	63.3	63.3
GE 8000	31.8	35.3	39.3	43.0	52.3	55.2	58.6	60.3	61.1	61.7	61.9	62.2	63.1	63.2	63.3	63.3
GE 7000	31.8	35.3	39.3	43.0	52.3	55.2	58.6	60.3	61.1	61.7	61.9	62.2	63.1	63.2	63.3	63.3
GE 6000	32.0	35.6	39.6	43.2	52.6	55.4	58.8	60.6	61.3	61.9	62.1	62.4	63.3	63.4	63.6	63.6
GE 5000	32.3	35.9	39.9	43.6	52.9	55.8	59.1	60.9	61.7	62.2	62.4	62.8	63.7	63.8	63.9	63.9
GE 4500	32.7	36.2	40.2	43.9	53.2	56.1	59.4	61.2	62.0	62.6	62.8	63.1	64.0	64.1	64.2	64.2
GE 4000	33.4	37.0	41.0	44.7	54.0	56.9	60.2	62.0	62.3	63.3	63.6	63.9	64.8	64.9	65.0	65.0
GE 3500	33.7	37.2	41.2	44.9	54.2	57.1	60.4	62.2	63.0	63.6	63.8	64.1	65.0	65.1	65.2	65.2
GE 3000	34.0	37.6	41.6	45.2	54.6	57.4	60.8	62.6	63.3	63.9	64.1	64.4	65.3	65.4	65.6	65.6
GE 2500	35.2	38.9	43.1	47.0	56.6	59.4	62.8	64.6	65.3	65.9	66.1	66.4	67.3	67.4	67.6	67.6
GE 2000	36.1	39.8	44.1	48.3	58.1	61.0	64.3	66.1	66.9	67.4	67.7	68.0	68.9	69.0	69.1	69.1
GE 1800	36.3	40.0	44.3	48.6	58.4	61.3	64.7	66.4	67.2	67.8	68.0	68.3	69.2	69.3	69.4	69.4
GE 1500	37.7	41.4	45.9	50.2	60.6	63.7	67.3	69.1	69.9	70.4	70.7	71.0	71.9	72.0	72.1	72.1
GE 1200	37.8	41.8	46.2	51.0	62.4	66.4	70.1	72.1	73.0	73.6	73.8	74.1	75.0	75.1	75.2	75.2
GE 1000	38.2	42.2	46.8	51.6	64.0	68.2	72.0	74.1	75.0	75.7	76.0	76.3	77.2	77.3	77.4	77.4
GE 900	38.3	42.3	47.0	52.2	65.2	70.0	74.3	76.6	77.7	78.4	78.8	79.1	80.0	80.1	80.2	80.2
GE 800	38.3	42.3	47.0	52.4	65.6	70.4	75.0	77.6	78.8	79.6	80.0	80.4	81.3	81.4	81.6	81.6
GE 700	38.3	42.3	47.0	52.6	66.0	71.0	75.9	78.8	80.6	81.6	82.0	82.4	83.3	83.4	83.6	83.6
GE 600	38.3	42.3	47.0	52.6	66.2	71.9	77.2	81.0	82.8	84.0	84.7	85.1	86.0	86.1	86.3	86.3
GE 500	38.3	42.3	47.0	52.6	66.2	72.2	77.8	82.2	84.2	85.7	86.7	87.1	88.6	88.7	88.9	88.9
GE 400	38.3	42.3	47.0	52.7	66.3	72.4	78.1	83.3	85.3	87.7	89.0	89.6	91.2	91.3	91.8	91.8
GE 300	38.3	42.3	47.0	52.7	66.3	72.4	78.2	83.6	85.7	88.6	90.9	91.6	94.7	94.9	96.3	96.7
GE 200	38.3	42.3	47.0	52.7	66.3	72.4	78.2	83.9	86.1	89.2	91.8	92.6	96.3	96.7	99.0	99.7
GE 100	38.3	42.3	47.0	52.7	66.3	72.4	78.2	83.9	86.1	89.2	91.8	92.6	96.3	96.8	99.2	100.0
GE 000	38.3	42.3	47.0	52.7	66.3	72.4	78.2	83.9	86.1	89.2	91.8	92.6	96.3	96.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.7	27.2	31.7	35.0	43.7	49.6	52.9	55.6	57.0	57.9	58.0	58.6	58.6	58.7	58.7	58.7
GE 20000	26.2	28.0	32.8	36.6	45.3	51.2	54.6	57.3	58.8	59.7	59.9	60.4	60.4	60.6	60.6	60.8
GE 18000	26.2	28.1	32.9	36.7	45.4	51.3	54.7	57.4	58.9	59.8	60.0	60.6	60.6	60.7	60.7	60.7
GE 16000	26.2	28.1	32.9	36.7	45.4	51.3	54.7	57.4	58.9	59.8	60.0	60.6	60.6	60.7	60.7	60.7
GE 14000	26.2	28.1	32.9	36.7	45.6	51.4	54.8	57.6	59.0	59.9	60.1	60.7	60.7	60.8	60.8	60.8
GE 12000	26.7	28.6	33.3	37.1	46.1	52.2	55.8	58.6	60.0	60.9	61.1	61.7	61.7	61.8	61.8	61.8
GE 10000	26.9	28.8	33.6	37.3	46.3	52.4	56.0	58.8	60.2	61.1	61.3	61.9	61.9	62.0	62.0	62.0
GE 9000	26.9	28.8	33.6	37.3	46.3	52.4	56.0	58.8	60.2	61.1	61.3	61.9	61.9	62.0	62.0	62.0
GE 8000	26.9	28.8	33.6	37.3	46.3	52.4	56.0	58.8	60.2	61.1	61.3	61.9	61.9	62.0	62.0	62.0
GE 7000	26.9	28.8	33.6	37.3	46.3	52.4	56.0	58.8	60.2	61.1	61.3	61.9	61.9	62.0	62.0	62.0
GE 6000	27.3	29.2	34.0	37.8	46.8	52.9	56.4	59.2	60.7	61.6	61.8	62.3	62.3	62.4	62.4	62.4
GE 5000	27.4	29.3	34.1	37.9	46.9	53.0	56.6	59.3	60.8	61.7	61.9	62.4	62.4	62.6	62.6	62.6
GE 4500	27.9	29.8	34.6	38.3	47.3	53.4	57.0	59.8	61.2	62.1	62.3	62.9	62.9	63.0	63.0	63.0
GE 4000	28.4	30.3	35.1	38.9	48.2	54.3	57.9	60.7	62.1	63.0	63.2	63.8	63.8	63.9	63.9	63.9
GE 3500	29.1	31.0	35.8	39.6	48.9	55.0	58.6	61.3	62.8	63.7	63.9	64.4	64.4	64.6	64.6	64.6
GE 3000	30.1	32.0	37.0	40.9	50.6	56.7	60.2	63.0	64.4	65.3	65.6	66.1	66.1	66.2	66.2	66.2
GE 2500	32.2	34.1	39.1	43.0	53.2	59.4	63.1	65.9	67.3	68.2	68.4	69.0	69.0	69.1	69.1	69.1
GE 2000	32.7	34.7	39.8	43.9	54.3	60.6	64.3	67.1	68.8	69.7	69.9	70.4	70.4	70.6	70.6	70.6
GE 1800	33.2	35.2	40.3	44.4	55.0	61.3	65.1	68.0	69.7	70.6	70.8	71.3	71.3	71.4	71.4	71.4
GE 1500	33.8	35.8	41.3	45.6	56.8	63.3	67.7	71.1	72.8	73.8	74.1	74.7	74.7	74.8	74.8	74.8
GE 1200	33.9	35.9	41.8	46.2	58.4	65.9	70.4	74.3	76.3	77.3	77.7	78.2	78.2	78.3	78.3	78.3
GE 1000	33.9	35.9	41.8	46.3	59.7	67.8	72.7	77.1	79.4	80.7	81.0	81.6	81.6	81.7	81.7	81.7
GE 900	33.9	35.9	42.0	46.8	60.1	68.7	73.6	78.3	81.2	82.6	82.9	83.4	83.4	83.6	83.6	83.6
GE 800	33.9	35.9	42.0	46.8	60.1	68.7	74.0	79.1	82.0	83.6	83.9	84.4	84.4	84.6	84.6	84.6
GE 700	33.9	35.9	42.0	46.8	60.1	68.9	74.2	79.7	82.8	85.1	85.7	86.2	86.3	86.6	86.6	86.6
GE 600	33.9	35.9	42.0	46.8	60.1	69.0	74.6	81.0	84.7	87.7	88.6	9.1	89.2	89.4	89.4	89.4
GE 500	33.9	35.9	42.0	46.8	60.1	69.1	74.7	81.7	85.8	89.9	91.9	92.4	92.7	92.9	92.9	93.0
GE 400	33.9	35.9	42.0	46.8	60.1	69.1	74.7	81.7	86.1	90.7	93.2	94.0	94.7	95.1	95.4	95.6
GE 300	33.9	35.9	42.0	46.8	60.1	69.1	74.7	81.7	86.1	90.8	94.3	95.2	96.8	97.7	98.7	99.6
GE 200	33.9	35.9	42.0	46.8	60.1	69.1	74.7	81.7	86.1	90.9	94.4	95.3	97.3	98.3	99.7	100.0
GE 100	33.9	35.9	42.0	46.8	60.1	69.1	74.7	81.7	86.1	90.9	94.4	95.3	97.3	98.3	99.7	100.0
GE 000	33.9	35.9	42.0	46.8	60.1	69.1	74.7	81.7	86.1	90.9	94.4	95.3	97.3	98.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.1	40.8	48.3	54.4	65.9	71.0	74.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 20000	39.3	42.3	50.0	56.4	67.9	73.1	76.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000	39.7	42.7	50.3	56.8	68.2	73.4	76.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 16000	39.7	42.7	50.3	56.8	68.2	73.4	76.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 14000	39.9	42.9	50.6	57.0	68.6	73.8	77.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 12000	40.4	43.4	51.1	57.6	69.1	74.6	78.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 10000	40.7	43.7	51.3	57.8	69.3	74.8	78.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 9000	40.7	43.7	51.3	57.8	69.3	74.8	78.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 8000	40.7	43.7	51.3	57.8	69.3	75.0	78.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000	40.7	43.7	51.3	57.8	69.3	75.0	78.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	40.8	43.8	51.4	57.9	69.4	75.1	78.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	41.1	44.1	51.9	58.3	69.9	75.6	79.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	41.3	44.3	52.1	58.6	70.1	75.8	79.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	41.9	44.9	52.7	59.1	70.9	76.6	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	43.1	46.1	53.9	60.3	72.2	77.9	81.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000	44.0	47.1	55.6	63.0	75.2	80.9	84.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	45.3	48.8	57.4	65.2	77.8	83.7	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	46.2	49.7	58.7	66.6	79.3	85.9	89.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	46.3	49.8	59.1	67.1	80.0	86.7	90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	46.3	49.8	59.2	67.6	80.7	88.3	92.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	46.3	49.8	59.3	67.7	81.3	89.6	93.9	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	46.3	49.8	59.3	67.7	81.4	90.0	95.0	97.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	46.3	49.8	59.3	67.7	81.6	90.3	95.4	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	46.3	49.8	59.3	67.7	81.6	90.3	95.4	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	46.3	49.8	59.3	67.7	81.6	90.3	95.4	98.3	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	46.3	49.8	59.3	67.7	81.6	90.4	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	46.3	49.8	59.3	67.7	81.6	90.4	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	46.3	49.8	59.3	67.7	81.6	90.4	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	46.3	49.8	59.3	67.7	81.6	90.4	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	46.3	49.8	59.3	67.7	81.6	90.4	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	46.3	49.8	59.3	67.7	81.6	90.4	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	46.3	49.8	59.3	67.7	81.6	90.4	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.1	38.7	46.7	56.4	77.2	83.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 20000	36.6	41.1	49.4	59.8	80.9	87.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 18000	36.8	41.3	49.7	60.0	81.2	87.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 16000	36.8	41.3	49.7	60.0	81.2	87.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 14000	36.9	41.7	50.2	60.6	82.1	88.3	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 12000	36.9	41.9	50.4	60.8	82.3	88.6	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 10000	37.0	42.0	50.6	60.9	82.4	88.7	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 9000	37.0	42.0	50.6	60.9	82.4	88.7	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 8000	37.0	42.0	50.6	60.9	82.4	88.8	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	37.0	42.0	50.6	60.9	82.4	88.8	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 6000	37.0	42.0	50.6	60.9	82.4	88.8	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 5000	37.2	42.2	50.9	61.2	82.9	89.2	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	37.2	42.2	50.9	61.2	82.9	89.2	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4000	38.2	43.2	51.9	62.2	83.9	90.2	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	38.3	43.6	52.2	62.7	84.3	90.7	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	39.0	44.4	53.6	64.3	86.1	92.4	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	39.0	44.4	53.7	64.8	86.8	93.3	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	39.0	44.4	53.7	64.8	86.9	93.7	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	39.0	44.4	53.7	64.8	86.9	93.7	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	39.0	44.4	53.8	65.2	87.4	94.2	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	39.0	44.4	53.8	65.2	87.8	94.6	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 15-17

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.4	46.1	58.2	65.2	83.0	88.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 20000	43.4	48.4	60.7	67.9	87.6	92.2	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 18000	43.7	48.7	60.9	68.1	88.0	92.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 16000	43.7	48.7	60.9	68.1	88.0	92.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 14000	44.1	49.1	61.4	68.7	88.7	93.3	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 12000	44.2	49.2	61.6	68.9	89.0	93.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 10000	44.7	49.7	62.0	69.3	89.4	94.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 9000	44.7	49.7	62.0	69.3	89.4	94.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 8000	44.8	49.8	62.1	69.4	89.6	94.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 7000	44.8	49.8	62.1	69.4	89.6	94.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 6000	44.8	49.8	62.1	69.4	89.6	94.3	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 5000	45.1	50.1	62.4	69.9	90.0	94.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4500	45.1	50.1	62.4	69.9	90.0	94.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4000	45.4	50.4	62.8	70.2	90.3	95.1	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 3500	45.9	50.9	63.2	70.7	90.8	95.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3000	46.2	51.2	63.7	71.1	91.3	96.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	46.2	51.2	63.7	71.1	91.3	96.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	46.3	51.3	63.8	71.2	91.4	96.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	46.3	51.3	63.8	71.2	91.6	96.3	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	46.3	51.3	63.8	71.2	91.9	96.7	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	46.3	51.3	63.8	71.2	92.1	96.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	65.0	73.0	77.1	88.8	91.4	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 20000	62.4	66.9	74.9	79.2	91.2	93.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 18000	62.4	66.9	75.0	79.6	91.6	94.2	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 16000	62.4	66.9	75.0	79.6	91.6	94.2	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 14000	62.8	67.3	75.7	80.2	92.3	95.0	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 12000	63.4	68.1	76.4	81.0	93.1	95.8	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 10000	63.7	68.3	76.7	81.2	93.3	96.0	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 9000	63.7	68.3	76.7	81.2	93.3	96.0	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 8000	63.7	68.3	76.7	81.2	93.3	96.0	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 7000	63.7	68.3	76.7	81.2	93.3	96.0	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 6000	64.0	68.7	77.0	81.6	93.7	96.3	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 5000	64.2	68.9	77.2	81.8	94.0	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4500	64.6	69.2	77.6	82.1	94.3	97.0	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 4000	64.7	69.3	77.7	82.2	94.4	97.1	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500	65.1	69.8	78.1	82.7	95.1	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	65.2	69.9	78.2	82.9	95.3	98.0	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	65.2	69.9	78.2	82.9	95.4	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	65.2	69.9	78.2	82.9	95.4	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	65.2	69.9	78.2	82.9	95.4	98.1	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	65.2	69.9	78.2	82.9	95.4	98.2	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.2	69.9	78.2	82.9	95.6	98.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.1	64.8	72.1	77.6	86.9	88.0	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 20000	62.0	65.7	73.3	79.3	88.8	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 18000	62.2	65.9	73.6	79.7	89.1	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 16000	62.2	65.9	73.6	79.7	89.1	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 14000	62.3	66.1	73.9	80.1	89.6	90.7	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 12000	63.2	67.0	74.8	81.0	90.4	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 10000	63.7	67.4	75.2	81.4	90.9	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 9000	63.7	67.4	75.2	81.4	90.9	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 8000	63.7	67.4	75.2	81.4	90.9	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 7000	63.7	67.4	75.2	81.4	90.9	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 6000	63.8	67.5	75.3	81.6	91.0	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000	64.0	67.8	75.6	81.8	91.2	92.3	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500	64.0	67.8	75.6	81.8	91.2	92.3	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 4000	64.0	67.8	75.6	81.8	91.2	92.3	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 3500	64.9	68.7	76.4	82.7	92.3	93.4	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	65.3	69.1	76.9	83.2	93.1	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	65.6	69.3	77.1	83.4	93.3	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	65.8	69.6	77.3	83.7	93.8	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	65.8	69.6	77.3	83.7	93.8	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	66.2	70.0	77.8	84.1	94.8	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	66.2	70.0	77.8	84.4	95.4	97.2	97.3	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	66.2	70.0	77.9	84.6	96.1	97.9	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	66.2	70.0	77.9	84.6	96.3	98.2	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	66.2	70.0	77.9	84.6	96.4	98.4	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	66.2	70.0	77.9	84.6	96.4	98.4	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	66.2	70.0	77.9	84.6	96.4	98.6	99.1	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	66.2	70.0	77.9	84.6	96.7	98.8	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	66.2	70.0	77.9	84.6	96.7	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.2	70.0	77.9	84.6	96.7	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.2	70.0	77.9	84.6	96.7	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.2	70.0	77.9	84.6	96.7	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.2	70.0	77.9	84.6	96.7	98.8	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.7	45.3	52.7	58.4	70.8	74.6	77.0	77.8	78.1	78.3	78.4	78.5	78.6	78.6	78.6	78.6
GE 20000	42.9	46.7	54.2	60.3	72.9	76.8	79.2	80.1	80.4	80.6	80.6	80.8	80.8	80.9	80.9	80.9
GE 18000	43.1	46.8	54.4	60.5	73.2	77.0	79.4	80.3	80.6	80.8	80.9	81.0	81.1	81.1	81.1	81.1
GE 16000	43.1	46.8	54.4	60.5	73.2	77.0	79.4	80.3	80.6	80.8	80.9	81.0	81.1	81.1	81.1	81.1
GE 14000	43.2	47.0	54.7	60.9	73.7	77.6	80.0	80.8	81.2	81.3	81.4	81.5	81.5	81.7	81.7	81.7
GE 12000	43.8	47.7	55.3	61.5	74.4	78.3	80.8	81.7	82.0	82.2	82.2	82.3	82.4	82.5	82.5	82.5
GE 10000	44.1	47.9	55.6	61.8	74.7	78.6	81.0	81.9	82.2	82.4	82.5	82.6	82.7	82.8	82.8	82.8
GE 9000	44.1	47.9	55.6	61.8	74.7	78.6	81.0	81.9	82.2	82.4	82.5	82.6	82.7	82.8	82.8	82.8
GE 8000	44.1	48.0	55.6	61.8	74.7	78.7	81.1	82.0	82.3	82.5	82.6	82.7	82.8	82.8	82.8	82.8
GE 7000	44.1	48.0	55.6	61.8	74.7	78.7	81.1	82.0	82.3	82.5	82.6	82.7	82.8	82.8	82.8	82.8
GE 6000	44.3	48.1	55.8	62.0	74.8	78.8	81.3	82.1	82.4	82.6	82.7	82.8	82.9	83.0	83.0	83.0
GE 5000	44.5	48.3	56.0	62.2	75.1	79.1	81.5	82.4	82.7	82.9	83.0	83.1	83.2	83.3	83.3	83.3
GE 4500	44.7	48.5	56.3	62.4	75.3	79.3	81.8	82.6	82.9	83.1	83.2	83.3	83.4	83.5	83.5	83.5
GE 4000	45.1	49.0	56.7	62.9	75.9	79.8	82.3	83.2	83.5	83.7	83.8	83.9	84.0	84.0	84.0	84.0
GE 3500	45.7	49.6	57.3	63.5	76.6	80.5	83.0	83.8	84.2	84.3	84.4	84.5	84.6	84.7	84.7	84.7
GE 3000	46.2	50.2	58.1	64.5	77.7	81.7	84.1	85.0	85.3	85.5	85.6	85.7	85.8	85.8	85.9	85.9
GE 2500	47.0	50.9	58.9	65.5	78.9	82.9	85.4	86.3	86.6	86.8	86.9	87.0	87.1	87.2	87.2	87.2
GE 2000	47.5	51.5	59.5	66.2	79.8	83.9	86.4	87.4	87.7	87.9	88.0	88.1	88.2	88.2	88.2	88.2
GE 1800	47.6	51.6	59.7	66.4	80.0	84.2	86.8	87.3	88.1	88.3	88.4	88.5	88.6	88.7	88.7	88.7
GE 1500	47.9	52.0	60.2	67.0	81.0	85.5	88.3	89.3	89.7	89.9	90.0	90.1	90.2	90.2	90.3	90.3
GE 1200	48.0	52.1	60.3	67.4	81.9	86.8	89.6	90.9	91.3	91.6	91.7	91.8	91.9	91.9	91.9	91.9
GE 1000	48.1	52.1	60.4	67.6	82.4	87.5	90.5	91.9	92.5	92.8	92.9	93.0	93.1	93.1	93.2	93.2
GE 900	48.1	52.2	60.5	67.8	82.8	88.1	91.2	92.7	93.3	93.7	93.8	93.9	94.0	94.0	94.0	94.0
GE 800	48.1	52.2	60.5	67.8	82.9	88.5	91.5	93.2	93.8	94.2	94.3	94.5	94.6	94.6	94.6	94.6
GE 700	48.2	52.2	60.6	67.9	83.0	88.4	91.8	93.6	94.4	95.0	95.1	95.2	95.3	95.4	95.4	95.4
GE 600	48.2	52.2	60.6	67.9	83.1	88.7	92.1	94.2	95.1	95.8	96.0	96.2	96.3	96.3	96.4	96.4
GE 500	48.2	52.2	60.6	67.9	83.2	88.8	92.3	94.6	95.5	96.4	96.9	97.0	97.2	97.3	97.3	97.3
GE 400	48.2	52.2	60.6	67.9	83.2	88.8	92.3	94.8	95.8	97.0	97.6	97.7	98.0	98.1	98.2	98.2
GE 300	48.2	52.2	60.6	67.9	83.2	88.8	92.4	94.8	95.9	97.1	98.0	98.2	98.8	98.9	99.3	99.3
GE 200	48.2	52.2	60.6	67.9	83.2	88.8	92.4	94.9	95.9	97.2	98.1	98.3	99.1	99.3	99.3	99.3
GE 100	48.2	52.2	60.6	67.9	83.2	88.8	92.4	94.9	95.9	97.2	98.1	98.3	99.1	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.6	69.4	76.6	81.5	85.1	86.7	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 20000	68.5	71.3	78.7	82.7	87.2	88.8	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 18000	68.6	71.4	78.8	82.8	87.3	88.9	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 16000	68.6	71.4	78.8	82.8	87.3	88.9	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 14000	70.4	73.2	80.6	84.6	89.1	90.8	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 12000	72.0	74.8	82.3	86.2	90.8	92.4	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 10000	73.1	75.9	83.3	87.3	91.8	93.4	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 9000	73.4	76.2	83.7	87.6	92.2	93.8	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 8000	73.4	76.2	83.7	87.6	92.2	93.8	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 7000	73.4	76.2	83.7	87.6	92.2	93.8	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 6000	73.4	76.2	83.7	87.6	92.2	93.8	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 5000	73.7	76.5	83.9	87.8	92.4	94.0	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4500	73.7	76.5	83.9	87.8	92.4	94.0	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4000	73.7	76.5	83.9	87.8	92.4	94.0	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3500	73.7	76.5	83.9	87.8	92.4	94.0	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	73.8	76.6	84.0	88.0	92.5	94.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	73.8	76.6	84.0	88.0	92.5	94.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2000	73.8	76.6	84.0	88.0	92.5	94.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	73.8	76.6	84.0	88.0	92.5	94.1	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	73.9	76.7	84.4	88.7	93.4	95.3	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	74.5	77.3	85.1	89.4	94.1	95.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	74.5	77.4	85.4	89.7	94.4	96.2	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	74.7	77.7	85.8	90.1	95.1	96.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	74.8	78.0	86.0	90.3	95.4	97.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	74.8	78.0	86.0	90.3	95.4	97.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	74.8	78.0	86.0	90.3	95.4	97.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	74.8	78.0	86.0	90.3	95.4	97.3	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	75.1	78.2	86.2	90.5	95.6	97.5	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	75.1	78.2	86.2	90.5	95.6	97.6	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	75.1	78.2	86.2	90.5	95.6	97.6	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
GE 100	75.1	78.2	86.2	90.5	95.6	97.6	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0
GE 000	75.1	78.2	86.2	90.5	95.6	97.6	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	58.0	63.5	66.9	72.5	74.6	76.6	78.6	79.2	80.0	80.1	80.1	80.4	80.5	80.9	80.9
GE 20000	56.3	59.0	64.9	68.3	74.1	76.2	78.3	80.3	81.0	81.7	81.8	81.8	82.2	82.3	82.6	82.6
GE 18000	56.3	59.0	64.9	68.3	74.1	76.2	78.3	80.3	81.0	81.7	81.8	81.8	82.2	82.3	82.6	82.6
GE 16000	56.3	59.0	64.9	68.3	74.1	76.2	78.3	80.3	81.0	81.7	81.8	81.8	82.2	82.3	82.6	82.6
GE 14000	58.4	61.1	67.1	70.4	76.2	78.4	80.4	82.5	83.1	83.9	84.0	84.0	84.3	84.4	84.7	84.7
GE 12000	59.4	62.2	68.2	71.5	77.4	79.6	81.6	83.7	84.3	85.1	85.2	85.2	85.5	85.6	85.9	85.9
GE 10000	60.0	62.8	68.8	72.2	78.3	80.4	82.5	84.5	85.2	85.9	86.0	86.0	86.3	86.5	86.8	86.8
GE 9000	60.5	63.3	69.4	72.7	78.8	81.0	83.0	85.1	85.7	86.5	86.6	86.6	86.9	87.0	87.3	87.3
GE 8000	60.6	63.4	69.5	72.8	78.9	81.1	83.1	85.2	85.8	86.6	86.7	86.7	87.0	87.1	87.4	87.4
GE 7000	60.6	63.4	69.5	72.8	78.9	81.1	83.1	85.2	85.8	86.6	86.7	86.7	87.0	87.1	87.4	87.4
GE 6000	60.6	63.4	69.5	72.8	78.9	81.1	83.1	85.2	85.8	86.6	86.7	86.7	87.0	87.1	87.4	87.4
GE 5000	60.6	63.4	69.5	72.8	78.9	81.1	83.1	85.2	85.8	86.6	86.7	86.7	87.0	87.1	87.4	87.4
GE 4500	60.8	63.5	69.6	72.9	79.0	81.2	83.2	85.3	85.9	86.7	86.8	86.8	87.1	87.2	87.5	87.5
GE 4000	60.8	63.5	69.6	72.9	79.0	81.2	83.2	85.3	85.9	86.7	86.8	86.8	87.1	87.2	87.5	87.5
GE 3500	61.1	63.9	69.9	73.2	79.4	81.5	83.5	85.6	86.2	87.0	87.1	87.1	87.4	87.5	87.8	87.8
GE 3000	61.2	64.0	70.0	73.3	79.6	81.7	83.7	85.8	86.5	87.2	87.3	87.3	87.6	87.7	88.1	88.1
GE 2500	61.2	64.0	70.0	73.3	79.6	81.7	83.8	85.8	86.5	87.2	87.3	87.3	87.6	87.7	88.1	88.1
GE 2000	61.3	64.1	70.1	73.4	79.7	81.8	83.9	85.9	86.6	87.3	87.4	87.4	87.7	87.8	88.2	88.2
GE 1800	61.5	64.3	70.3	73.7	79.9	82.0	84.1	86.1	86.8	87.5	87.6	87.6	88.0	88.1	88.4	88.4
GE 1500	61.5	64.3	70.5	74.1	80.4	82.6	84.6	86.7	87.3	88.1	88.2	88.2	88.5	88.6	88.9	88.9
GE 1200	61.8	64.6	71.1	74.6	81.2	83.3	85.7	87.7	88.4	89.1	89.4	89.4	89.7	89.8	90.1	90.1
GE 1000	61.8	64.6	71.2	74.7	81.4	83.5	85.9	88.0	88.6	89.4	89.7	89.7	90.0	90.1	90.4	90.4
GE 900	61.9	64.7	71.5	75.3	82.4	84.5	86.9	88.9	89.6	90.3	90.6	90.6	91.0	91.1	91.4	91.4
GE 800	62.2	65.1	71.9	75.7	82.8	85.1	87.4	89.5	90.2	91.0	91.3	91.3	91.6	91.7	92.0	92.0
GE 700	62.2	65.1	71.9	75.7	83.0	85.5	88.2	90.2	91.0	91.7	92.0	92.0	92.4	92.5	92.8	92.8
GE 600	62.3	65.2	72.2	76.0	83.3	85.8	88.5	90.5	91.4	92.2	92.5	92.5	92.8	92.9	93.2	93.2
GE 500	62.3	65.2	72.2	76.0	83.3	85.8	88.5	90.6	91.6	92.6	93.1	93.1	93.5	93.9	94.2	94.2
GE 400	62.3	65.2	72.2	76.0	83.3	85.8	88.5	91.1	92.2	93.2	94.0	94.2	94.7	95.2	95.5	95.5
GE 300	62.3	65.2	72.2	76.0	83.3	85.8	88.5	91.2	92.5	94.0	94.8	95.2	95.9	96.3	96.6	96.6
GE 200	62.3	65.2	72.2	76.0	83.3	85.8	88.6	91.4	92.9	94.5	95.6	96.2	97.2	97.6	98.6	98.6
GE 100	62.3	65.2	72.2	76.0	83.3	85.8	88.6	91.4	92.9	94.6	95.7	96.3	97.6	98.1	99.1	100.0
GE 000	62.3	65.2	72.2	76.0	83.3	85.8	88.6	91.4	92.9	94.6	95.7	96.3	97.6	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	51.7	58.1	61.5	67.3	72.0	74.4	76.3	77.3	77.6	78.1	78.1	78.4	78.4	78.4	78.4
GE 20000	50.3	52.8	59.1	62.7	68.5	73.7	76.2	78.2	79.1	79.5	79.9	79.9	80.2	80.2	80.2	80.2
GE 18000	50.3	52.8	59.1	62.7	68.5	73.8	76.3	78.3	79.2	79.6	80.0	80.0	80.3	80.3	80.3	80.3
GE 16000	50.3	52.8	59.1	62.7	68.5	73.8	76.3	78.3	79.2	79.6	80.0	80.0	80.3	80.3	80.3	80.3
GE 14000	51.0	53.4	59.8	63.5	69.4	74.7	77.3	79.2	80.2	80.5	81.0	81.0	81.3	81.3	81.3	81.3
GE 12000	52.0	54.5	61.0	64.8	71.1	76.5	79.0	81.0	81.9	82.5	82.7	82.7	83.0	83.0	83.0	83.0
GE 10000	53.1	55.7	62.2	66.1	72.5	77.8	80.4	82.4	83.5	83.7	84.1	84.1	84.4	84.4	84.4	84.4
GE 9000	53.4	56.0	62.5	66.5	72.8	78.2	80.8	82.7	83.7	84.0	84.4	84.4	84.7	84.7	84.7	84.7
GE 8000	53.5	56.1	62.8	66.8	73.1	78.5	81.1	83.0	84.0	84.5	84.7	84.7	85.1	85.1	85.1	85.1
GE 7000	53.5	56.1	62.8	66.8	73.1	78.5	81.1	83.0	84.0	84.5	84.7	84.7	85.1	85.1	85.1	85.1
GE 6000	53.7	56.2	62.9	66.9	73.2	78.6	81.2	83.1	84.1	84.4	84.8	84.8	85.2	85.2	85.2	85.2
GE 5000	53.7	56.2	62.9	67.0	73.3	78.7	81.3	83.2	84.2	84.5	84.9	84.9	85.3	85.3	85.3	85.3
GE 4500	54.0	56.6	63.2	67.3	73.7	79.0	81.5	83.5	84.5	84.8	85.3	85.3	85.6	85.6	85.6	85.6
GE 4000	54.0	56.6	63.2	67.3	73.7	79.0	81.6	83.5	84.5	84.8	85.3	85.3	85.6	85.6	85.6	85.6
GE 3500	54.1	56.7	63.3	67.4	73.9	79.2	81.8	83.9	84.8	85.2	85.6	85.6	85.9	85.9	85.9	85.9
GE 3000	54.1	56.7	63.3	67.6	74.1	79.6	82.2	84.2	85.2	85.5	85.9	85.9	86.2	86.2	86.2	86.2
GE 2500	54.5	57.2	63.9	68.2	74.6	80.1	82.7	84.7	85.7	86.0	86.5	86.5	86.8	86.8	86.8	86.8
GE 2000	54.6	57.4	64.1	68.4	74.9	80.5	83.1	85.2	86.1	86.5	86.9	86.9	87.2	87.2	87.2	87.2
GE 1800	54.6	57.4	64.2	68.5	75.1	80.6	83.2	85.3	86.2	86.6	87.0	87.0	87.3	87.3	87.3	87.3
GE 1500	54.9	57.7	64.5	68.8	75.4	81.0	83.5	85.6	86.6	86.9	87.3	87.3	87.6	87.6	87.6	87.6
GE 1200	54.9	57.7	64.5	69.1	75.7	81.4	84.1	86.2	87.3	87.6	88.2	88.2	88.5	88.5	88.5	88.5
GE 1000	55.3	58.1	64.8	69.5	76.1	81.8	84.9	87.3	88.8	89.2	89.8	89.8	90.1	90.1	90.1	90.1
GE 900	55.5	58.3	65.1	69.7	76.3	82.2	85.3	87.8	89.5	89.9	90.4	90.4	90.8	90.8	90.8	90.8
GE 800	55.6	58.4	65.2	69.8	76.5	82.3	85.6	88.5	90.3	90.9	91.4	91.4	91.7	91.7	91.7	91.7
GE 700	55.6	58.4	65.2	69.8	76.6	82.4	85.9	89.1	91.0	91.5	92.0	92.0	92.4	92.4	92.4	92.4
GE 600	55.6	58.4	65.2	69.8	76.6	82.4	85.9	89.4	91.3	91.9	92.7	92.7	93.1	93.1	93.1	93.1
GE 500	55.6	58.4	65.2	69.8	76.6	82.4	85.9	89.4	91.5	92.4	93.7	93.8	94.5	94.6	94.6	94.6
GE 400	55.6	58.4	65.2	69.8	76.6	82.4	85.9	89.4	91.5	92.6	94.2	94.5	96.1	96.2	96.5	96.5
GE 300	55.6	58.4	65.2	69.8	76.6	82.4	85.9	89.5	91.7	92.9	95.1	95.5	97.5	97.6	98.4	98.7
GE 200	55.6	58.4	65.2	69.8	76.6	82.4	85.9	89.5	91.8	93.0	95.2	95.6	97.8	98.0	99.0	99.8
GE 100	55.6	58.4	65.2	69.8	76.6	82.4	85.9	89.5	91.8	93.0	95.2	95.6	98.0	98.1	99.2	100.0
GE 000	55.6	58.4	65.2	69.8	76.6	82.4	85.9	89.5	91.8	93.0	95.2	95.6	98.0	98.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 UCAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
 LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
 MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.4	63.1	72.3	77.3	84.7	87.7	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 20000	62.0	64.7	74.0	79.0	86.6	89.6	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 18000	62.0	64.7	74.0	79.0	86.7	89.7	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 16000	62.0	64.7	74.0	79.0	86.7	89.7	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 14000	62.5	65.2	74.5	79.6	87.2	90.2	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 12000	64.4	67.3	76.9	81.9	89.9	92.9	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 10000	64.7	67.6	77.2	82.3	90.2	93.2	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 9000	64.7	67.6	77.2	82.3	90.2	93.2	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 8000	64.7	67.6	77.2	82.3	90.3	93.3	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 7000	64.7	67.6	77.2	82.3	90.3	93.3	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 6000	64.7	67.6	77.2	82.3	90.3	93.3	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 5000	64.7	67.6	77.2	82.5	90.5	93.5	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4500	65.2	68.1	77.6	82.9	91.0	94.0	95.9	6.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4000	65.3	68.2	77.7	83.1	91.2	94.2	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500	65.3	68.2	77.7	83.1	91.4	94.4	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	65.4	68.4	78.0	83.4	91.9	94.9	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	65.8	68.8	78.4	83.9	92.4	95.4	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	65.9	68.9	78.5	84.0	92.5	95.7	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	66.0	69.1	78.7	84.2	92.7	95.9	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	66.2	69.6	79.1	84.6	93.1	96.5	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	66.2	69.6	79.1	84.6	93.1	96.6	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.2	69.6	79.1	84.6	93.1	96.7	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.1	52.9	64.6	73.2	85.1	89.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 20000	49.1	55.2	67.5	76.5	88.5	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 18000	49.1	55.2	67.5	76.5	88.6	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 16000	49.1	55.2	67.5	76.5	88.6	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 14000	49.9	56.0	68.4	77.3	89.7	93.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 12000	51.2	57.4	70.2	79.5	91.9	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 10000	51.4	57.6	70.4	79.8	92.4	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 9000	51.7	58.0	70.8	80.1	92.7	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 8000	51.7	58.0	70.8	80.3	93.0	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 7000	51.7	58.0	70.8	80.3	93.0	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 6000	51.7	58.0	70.8	80.3	93.0	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 5000	52.2	58.4	71.2	80.8	93.4	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 4500	52.5	58.7	71.5	81.1	93.8	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 4000	52.6	58.8	71.6	81.2	93.9	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 3500	52.6	58.8	71.6	81.2	94.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	53.2	59.5	72.3	81.8	94.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.1	63.6	73.3	78.4	85.6	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 20000	59.5	66.2	76.5	81.9	89.2	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 18000	59.5	66.2	76.5	81.9	89.2	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 16000	59.5	66.2	76.6	82.0	89.3	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 14000	61.3	68.0	78.6	83.9	91.3	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 12000	63.7	70.4	81.4	87.0	94.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 10000	64.1	70.8	82.1	87.7	95.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 9000	64.4	71.1	82.4	88.0	95.4	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 8000	64.4	71.2	82.7	88.5	95.9	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 7000	64.4	71.2	82.7	88.5	95.9	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 6000	64.7	71.4	82.9	88.7	96.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 5000	64.7	71.4	82.9	88.7	96.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 4500	64.7	71.4	82.9	88.7	96.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 4000	64.9	71.7	83.1	88.9	96.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
GE 3500	64.9	71.7	83.1	88.9	96.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4
GE 3000	65.3	72.1	83.5	89.3	96.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 2500	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 2000	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 1800	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 1500	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 1200	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 1000	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 900	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 800	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 700	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 600	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 500	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 400	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	65.5	72.3	83.7	89.5	97.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	80.6	83.2	86.7	88.1	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 20000	83.3	86.0	89.8	91.3	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 18000	83.3	86.0	89.8	91.3	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 16000	83.6	86.3	90.1	91.6	92.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 14000	85.5	88.3	92.6	94.1	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 12000	87.3	90.3	94.6	96.1	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 10000	88.0	91.0	95.5	97.0	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 9000	88.0	91.0	95.5	97.0	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 8000	88.0	91.0	95.5	97.0	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 7000	88.0	91.0	95.5	97.0	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 6000	88.2	91.3	95.7	97.2	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 5000	88.6	91.6	96.0	97.5	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 4500	88.6	91.6	96.0	97.5	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 4000	88.7	91.7	96.1	97.6	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3500	88.7	91.7	96.1	97.6	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 3000	88.9	91.9	96.3	97.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2500	88.9	91.9	96.3	97.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 2000	88.9	91.9	96.3	97.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	88.9	91.9	96.3	97.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1500	88.9	91.9	96.3	97.8	98.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	88.9	91.9	96.3	97.8	98.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.9	91.9	96.3	97.8	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	83.8	86.1	90.2	91.0	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 20000	86.1	88.3	92.6	93.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 18000	86.5	88.8	93.0	93.9	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 16000	86.7	89.0	93.2	94.1	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 14000	87.3	89.5	93.7	94.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 12000	89.1	91.4	95.6	96.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 10000	89.6	91.9	96.1	97.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 9000	89.8	92.0	96.2	97.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 8000	89.8	92.0	96.2	97.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 7000	89.8	92.0	96.2	97.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 6000	89.8	92.0	96.2	97.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 5000	89.9	92.1	96.3	97.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4500	89.9	92.1	96.3	97.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4000	89.9	92.1	96.3	97.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3500	89.9	92.1	96.3	97.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	90.0	92.2	96.4	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	90.0	92.2	96.4	97.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	90.1	92.3	96.5	97.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	90.2	92.4	96.7	97.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	90.3	92.6	96.8	97.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	90.6	92.9	97.1	98.0	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	90.7	93.0	97.3	98.2	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.8	93.1	97.5	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.5	66.0	73.1	77.1	82.6	85.0	86.0	86.6	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2
GE 20000	64.4	67.9	75.4	79.5	85.1	87.6	88.6	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8
GE 18000	64.5	68.0	75.4	79.5	85.2	87.7	88.7	89.3	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9
GE 16000	64.5	68.1	75.5	79.6	85.3	87.7	88.8	89.4	89.6	89.8	89.8	89.8	89.9	89.9	90.0	90.0
GE 14000	65.8	69.3	76.9	81.0	86.7	89.2	90.3	90.9	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.4
GE 12000	67.4	71.0	78.7	82.9	88.7	91.3	92.3	92.9	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5
GE 10000	68.0	71.7	79.4	83.7	89.5	92.0	93.1	93.7	93.9	94.1	94.1	94.1	94.2	94.2	94.3	94.3
GE 9000	68.2	71.9	79.7	83.9	89.8	92.3	93.4	93.9	94.2	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 8000	68.3	71.9	79.8	84.0	89.9	92.5	93.5	94.1	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7
GE 7000	68.3	71.9	79.8	84.0	89.9	92.5	93.5	94.1	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7
GE 6000	68.3	72.0	79.8	84.1	90.0	92.5	93.6	94.2	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.8
GE 5000	68.5	72.1	80.0	84.3	90.2	92.7	93.8	94.4	94.6	94.8	94.8	94.8	94.9	94.9	95.0	95.0
GE 4500	68.6	72.3	80.1	84.4	90.3	92.9	94.0	94.6	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1
GE 4000	68.7	72.4	80.2	84.5	90.4	92.9	94.0	94.6	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
GE 3500	68.7	72.4	80.2	84.6	90.5	93.1	94.1	94.8	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.3
GE 3000	69.0	72.6	80.5	84.8	90.9	93.4	94.5	95.1	95.3	95.5	95.5	95.5	95.6	95.6	95.7	95.7
GE 2500	69.1	72.8	80.6	85.0	91.0	93.5	94.6	95.2	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8
GE 2000	69.1	72.9	80.7	85.0	91.1	93.7	94.8	95.4	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0
GE 1800	69.2	72.9	80.8	85.1	91.2	93.8	94.9	95.5	95.7	95.9	95.9	95.9	96.0	96.0	96.1	96.1
GE 1500	69.3	73.0	80.9	85.4	91.5	94.1	95.2	95.8	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4
GE 1200	69.5	73.2	81.1	85.6	91.7	94.4	95.6	96.2	96.5	96.6	96.7	96.7	96.8	96.8	96.9	96.9
GE 1000	69.5	73.3	81.3	85.7	91.9	94.6	95.8	96.5	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.3
GE 900	69.6	73.4	81.4	85.9	92.1	94.8	96.1	96.8	97.2	97.3	97.4	97.4	97.5	97.5	97.6	97.6
GE 800	69.6	73.5	81.5	86.0	92.2	94.9	96.2	97.0	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 700	69.6	73.5	81.5	86.0	92.3	95.0	96.4	97.2	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0
GE 600	69.7	73.5	81.5	86.0	92.3	95.1	96.4	97.3	97.7	97.9	98.0	98.0	98.1	98.1	98.2	98.2
GE 500	69.7	73.5	81.5	86.0	92.3	95.1	96.4	97.3	97.8	98.0	98.2	98.3	98.4	98.5	98.5	98.5
GE 400	69.7	73.5	81.6	86.1	92.3	95.1	96.5	97.4	97.9	98.1	98.4	98.5	98.8	98.8	98.9	98.9
GE 300	69.7	73.5	81.6	86.1	92.3	95.1	96.5	97.4	97.9	98.3	98.7	98.8	99.1	99.2	99.4	99.4
GE 200	69.7	73.5	81.6	86.1	92.3	95.1	96.5	97.5	98.0	98.4	98.8	98.9	99.3	99.4	99.7	99.9
GE 100	69.7	73.5	81.6	86.1	92.3	95.1	96.5	97.5	98.0	98.4	98.8	98.9	99.4	99.5	99.8	100.0
GE 000	69.7	73.5	81.6	86.1	92.3	95.1	96.5	97.5	98.0	98.4	98.8	98.9	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7432

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.5	64.4	71.4	76.6	82.6	83.5	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 20000	61.5	65.4	72.4	77.6	83.7	84.6	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 18000	62.0	65.9	72.9	78.2	84.2	85.2	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 16000	62.0	65.9	72.9	78.2	84.2	85.2	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 14000	62.8	66.7	73.8	79.0	85.1	86.0	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
GE 12000	64.8	68.7	76.3	81.8	88.6	89.6	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 10000	65.4	69.2	76.9	82.4	89.1	90.1	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 9000	65.4	69.2	76.9	82.4	89.1	90.1	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 8000	65.4	69.2	76.9	82.4	89.1	90.1	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 7000	65.4	69.2	76.9	82.4	89.1	90.1	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 6000	66.0	69.9	77.5	83.0	89.8	90.8	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 5000	66.1	70.0	77.8	83.3	90.1	91.1	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	66.1	70.0	77.8	83.3	90.1	91.1	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 4000	66.5	70.3	78.2	83.7	90.4	91.4	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	66.6	70.4	78.3	83.8	90.5	91.5	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 3000	66.8	71.6	78.6	84.3	91.2	92.2	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	67.0	70.9	78.8	84.6	91.5	92.5	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	67.1	71.0	79.0	85.1	92.2	93.1	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	67.3	71.2	79.2	85.3	92.5	93.4	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	67.5	71.4	79.5	85.7	93.1	94.1	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	67.5	71.4	79.5	85.8	93.3	94.3	95.2	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	67.6	71.5	79.6	86.1	94.7	95.8	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	67.6	71.5	79.7	86.5	95.4	96.5	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	67.6	71.5	79.7	86.5	95.4	96.5	97.6	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	67.6	71.5	79.7	86.5	95.6	96.8	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	67.6	71.5	79.7	86.5	95.7	96.9	98.5	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	67.6	71.5	79.7	86.5	95.8	97.0	98.6	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	67.6	71.5	79.7	86.5	95.8	97.1	98.7	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	67.6	71.5	79.7	86.5	95.8	97.1	98.7	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	67.6	71.5	79.7	86.5	95.8	97.1	98.7	99.4	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	67.6	71.5	79.7	86.5	95.8	97.1	98.7	99.4	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	67.6	71.5	79.7	86.5	95.8	97.1	98.7	99.4	99.5	99.7	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.6	52.6	60.1	65.2	72.2	73.8	76.0	77.1	77.2	77.6	77.7	77.7	78.5	78.5	78.7	78.7
GE 20000	48.4	53.3	60.9	66.0	73.0	74.6	76.9	78.0	78.1	78.5	78.6	78.6	79.4	79.4	79.6	79.6
GE 18000	48.6	53.5	61.1	66.2	73.2	74.8	77.1	78.2	78.3	78.7	78.8	78.8	79.6	79.6	79.8	79.8
GE 16000	48.6	53.5	61.1	66.2	73.2	74.8	77.1	78.2	78.3	78.7	78.8	78.8	79.6	79.6	79.8	79.8
GE 14000	49.9	54.8	62.4	67.5	74.5	76.1	78.4	79.5	79.6	80.0	80.1	80.1	80.9	80.9	81.1	81.1
GE 12000	51.7	56.7	64.5	69.7	77.3	78.9	81.2	82.3	82.4	82.8	82.9	82.9	83.7	83.7	83.9	83.9
GE 10000	52.2	57.1	64.9	70.1	77.7	79.4	81.7	82.9	83.0	83.4	83.5	83.5	84.3	84.3	84.5	84.5
GE 9000	52.2	57.1	64.9	70.1	77.7	79.4	81.7	82.9	83.0	83.4	83.5	83.5	84.3	84.3	84.5	84.5
GE 8000	52.5	57.4	65.3	70.4	78.1	79.7	82.0	83.2	83.3	83.8	83.9	83.9	84.6	84.6	84.8	84.8
GE 7000	52.5	57.4	65.3	70.4	78.1	79.7	82.0	83.2	83.3	83.8	83.9	83.9	84.6	84.6	84.8	84.8
GE 6000	53.0	58.0	65.8	71.0	78.6	80.2	82.6	83.8	83.9	84.3	84.4	84.4	85.2	85.2	85.4	85.4
GE 5000	53.2	58.2	66.1	71.3	78.9	80.5	82.9	84.1	84.2	84.6	84.7	84.7	85.5	85.5	85.7	85.7
GE 4500	53.2	58.2	66.1	71.3	78.9	80.5	82.9	84.1	84.2	84.6	84.7	84.7	85.5	85.5	85.7	85.7
GE 4000	53.3	58.3	66.2	71.4	79.0	80.6	83.0	84.2	84.3	84.7	84.8	84.8	85.6	85.6	85.8	85.8
GE 3500	53.5	58.5	66.5	71.6	79.2	80.9	83.2	84.4	84.5	84.9	85.1	85.1	85.8	85.8	86.0	86.0
GE 3000	53.8	58.7	66.7	71.9	79.6	81.2	83.5	84.7	84.8	85.3	85.4	85.4	86.1	86.1	86.3	86.3
GE 2500	53.9	58.8	66.8	72.0	80.0	81.6	84.0	85.2	85.3	85.7	85.8	85.8	86.6	86.6	86.8	86.8
GE 2000	54.1	59.0	67.0	72.4	80.5	82.3	84.6	85.8	85.9	86.3	86.5	86.5	87.2	87.2	87.4	87.4
GE 1800	54.4	59.4	67.3	72.7	80.9	82.6	84.9	86.1	86.2	86.7	86.8	86.8	87.5	87.5	87.7	87.7
GE 1500	54.4	59.4	67.4	72.9	81.2	82.9	85.3	86.8	87.2	87.6	87.7	87.7	88.5	88.5	88.7	88.7
GE 1200	54.4	59.4	67.4	73.0	81.5	83.5	86.0	87.5	88.0	88.4	88.5	88.5	89.2	89.2	89.5	89.5
GE 1000	54.4	59.5	67.6	73.3	82.4	84.4	87.1	88.7	89.1	89.6	89.7	89.7	90.4	90.4	90.6	90.6
GE 900	54.4	59.5	67.7	73.8	83.2	85.4	88.5	90.1	90.5	91.0	91.1	91.1	91.8	91.8	92.0	92.0
GE 800	54.4	59.5	67.7	73.8	83.5	86.0	89.4	91.1	91.5	91.9	92.0	92.0	92.8	92.8	93.0	93.0
GE 700	54.4	59.5	67.7	73.8	83.7	86.5	89.3	91.5	92.0	92.5	92.6	92.6	93.3	93.3	93.5	93.5
GE 600	54.4	59.5	67.7	73.8	83.7	86.5	89.9	91.8	92.5	93.1	93.5	93.5	94.3	94.3	94.5	94.5
GE 500	54.4	59.5	67.7	73.8	83.7	86.5	90.3	92.7	93.7	94.5	94.9	94.9	95.7	95.7	95.9	95.9
GE 400	54.4	59.5	67.7	73.8	83.7	86.5	90.5	93.5	94.6	95.5	95.9	95.9	96.8	96.8	97.1	97.1
GE 300	54.4	59.5	67.7	73.8	83.7	86.5	90.6	93.7	94.7	95.7	96.1	96.1	97.3	97.3	98.2	98.4
GE 200	54.4	59.5	67.7	73.8	83.7	86.5	90.6	93.7	94.7	95.8	96.3	96.3	97.6	97.6	98.8	100.0
GE 100	54.4	59.5	67.7	73.8	83.7	86.5	90.6	93.7	94.7	95.8	96.3	96.3	97.6	97.6	98.8	100.0
GE 000	54.4	59.5	67.7	73.8	83.7	86.5	90.6	93.7	94.7	95.8	96.3	96.3	97.6	97.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.6	43.7	49.9	54.1	63.8	67.0	69.7	71.5	72.6	73.8	74.1	74.2	74.3	74.3	74.8	75.1
GE 20000	40.0	44.1	50.3	54.5	64.3	67.5	70.4	72.3	73.3	74.5	74.8	74.9	75.1	75.1	75.6	75.8
GE 18000	40.6	44.7	51.1	55.3	65.3	68.5	71.4	73.2	74.3	75.5	75.8	75.9	76.0	76.0	76.6	76.8
GE 16000	40.6	44.7	51.1	55.3	65.3	68.5	71.4	73.2	74.3	75.5	75.8	75.9	76.0	76.0	76.6	76.8
GE 14000	42.0	46.1	52.5	56.7	66.8	70.0	72.9	74.7	75.8	77.0	77.3	77.4	77.5	77.5	78.1	78.3
GE 12000	44.3	48.5	54.8	59.4	69.9	73.1	76.2	78.1	79.1	80.3	80.6	80.8	80.9	80.9	81.4	81.6
GE 10000	44.9	49.1	55.5	60.0	70.5	73.9	77.0	79.1	80.3	81.5	81.8	81.9	82.0	82.0	82.6	82.8
GE 9000	44.9	49.1	55.5	60.0	70.5	73.9	77.0	79.1	80.3	81.5	81.8	81.9	82.0	82.0	82.6	82.8
GE 8000	44.9	49.1	55.5	60.0	70.6	74.2	77.3	79.5	80.6	81.8	82.2	82.3	82.4	82.4	82.9	83.1
GE 7000	44.9	49.1	55.5	60.0	70.6	74.2	77.3	79.5	80.6	81.8	82.2	82.3	82.4	82.4	82.9	83.1
GE 6000	45.9	50.1	56.5	61.0	71.6	75.2	78.3	80.4	81.6	82.8	83.1	83.2	83.3	83.3	83.9	84.1
GE 5000	45.9	50.1	56.5	61.0	71.6	75.2	78.3	80.4	81.6	82.8	83.1	83.2	83.3	83.3	83.9	84.1
GE 4500	45.9	50.1	56.5	61.0	71.6	75.2	78.3	80.4	81.6	82.8	83.1	83.2	83.3	83.3	83.9	84.1
GE 4000	45.9	50.1	56.5	61.0	71.6	75.2	78.3	80.4	81.6	82.8	83.1	83.2	83.3	83.3	83.9	84.1
GE 3500	45.9	50.2	56.6	61.1	71.7	75.3	78.4	80.5	81.7	82.9	83.2	83.3	83.4	83.4	84.0	84.2
GE 3000	46.6	50.9	57.2	61.7	72.4	75.9	79.0	81.2	82.4	83.5	83.9	84.0	84.1	84.1	84.6	84.8
GE 2500	47.1	51.4	57.7	62.4	73.1	76.9	80.1	82.3	83.4	84.6	84.9	85.1	85.2	85.2	85.7	85.9
GE 2000	47.4	51.7	58.1	62.8	73.8	78.1	81.3	83.4	84.6	85.8	86.1	86.2	86.3	86.3	86.9	87.1
GE 1800	47.5	51.8	58.2	62.9	73.9	78.2	81.4	83.5	84.7	85.9	86.2	86.3	86.5	86.5	87.0	87.2
GE 1500	47.7	52.2	58.5	63.3	74.3	79.0	82.4	84.9	86.1	87.4	87.7	87.8	88.0	88.0	88.5	88.7
GE 1200	47.7	52.2	58.6	63.5	74.6	79.9	83.3	86.0	87.2	88.5	88.8	88.9	89.0	89.0	89.6	89.8
GE 1000	47.7	52.2	58.6	63.5	74.7	80.4	84.1	86.9	88.4	89.8	90.1	90.2	90.3	90.3	90.9	91.1
GE 900	47.8	52.3	58.7	63.7	75.1	80.8	84.6	87.8	89.5	91.0	91.3	91.4	91.5	91.5	92.0	92.2
GE 800	47.8	52.3	58.7	63.7	75.2	81.0	84.9	88.4	90.4	91.9	92.3	92.4	92.5	92.5	93.0	93.2
GE 700	47.8	52.3	58.7	63.7	75.2	81.1	85.1	88.5	90.8	92.5	92.8	92.9	93.0	93.0	93.5	93.7
GE 600	47.8	52.3	58.8	63.8	75.3	81.3	85.5	89.1	91.6	93.7	94.1	94.2	94.4	94.4	94.9	95.3
GE 500	47.8	52.3	58.8	63.8	75.3	81.3	85.5	89.2	92.0	94.7	95.5	95.6	96.0	96.0	96.6	97.1
GE 400	47.8	52.3	58.8	63.8	75.3	81.3	85.6	89.4	92.2	95.1	96.3	96.6	97.4	97.4	98.0	98.6
GE 300	47.8	52.3	58.8	63.8	75.3	81.3	85.6	89.4	92.2	95.1	96.3	96.7	97.6	97.6	98.3	99.1
GE 200	47.8	52.3	58.8	63.8	75.3	81.3	85.6	89.4	92.2	95.1	96.3	96.7	97.6	97.7	98.4	99.3
GE 100	47.8	52.3	58.8	63.8	75.3	81.3	85.6	89.4	92.2	95.1	96.3	96.7	97.6	97.7	98.4	100.0
GE 000	47.8	52.3	58.8	63.8	75.3	81.3	85.6	89.4	92.2	95.1	96.3	96.7	97.6	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.9	56.5	64.0	70.1	80.0	82.3	83.8	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 20000	53.4	58.1	65.6	71.7	82.0	84.3	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 18000	53.8	58.4	65.9	72.3	82.6	84.8	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 16000	53.8	58.4	65.9	72.3	82.6	84.8	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 14000	55.2	59.8	67.5	74.0	84.3	86.6	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 12000	56.7	61.6	69.6	76.1	86.8	89.0	90.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 10000	57.8	62.8	70.8	77.3	88.0	90.3	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 9000	57.8	62.8	70.8	77.3	88.0	90.3	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 8000	57.8	62.8	71.0	77.5	88.3	90.6	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 7000	57.8	62.8	71.0	77.5	88.3	90.6	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 6000	58.3	63.3	71.5	78.1	88.8	91.2	92.7	93.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 5000	58.3	63.4	71.6	78.2	88.9	91.3	92.8	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4500	58.3	63.4	71.6	78.2	88.9	91.3	92.8	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4000	58.5	63.7	71.8	78.4	89.1	91.5	93.0	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	58.7	63.9	72.0	78.6	89.4	91.7	93.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	59.4	64.6	72.8	79.5	90.4	92.8	94.3	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	59.5	64.7	72.9	80.0	91.1	93.7	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	60.0	65.3	73.4	80.5	91.7	94.6	96.1	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	60.0	65.3	73.4	80.6	91.8	94.8	96.3	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	60.1	65.4	73.5	80.8	91.9	95.1	96.9	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	60.1	65.5	73.7	80.9	92.0	95.2	97.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	60.1	65.5	73.7	80.9	92.0	95.2	97.1	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	60.1	65.5	73.7	81.0	92.2	95.3	97.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	60.1	65.5	73.7	81.1	92.4	95.5	97.4	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	60.1	65.5	73.7	81.1	92.4	95.5	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	60.1	65.5	73.7	81.1	92.4	95.6	97.6	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	60.1	65.5	73.7	81.1	92.4	95.6	97.6	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	60.1	65.5	73.7	81.1	92.4	95.6	97.6	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	60.1	65.5	73.7	81.1	92.4	95.6	97.6	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.1	65.5	73.7	81.1	92.4	95.6	97.6	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.1	65.5	73.7	81.1	92.4	95.6	97.6	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 00	60.1	65.5	73.7	81.1	92.4	95.6	97.6	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST 10 UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	55.2	64.3	70.8	84.4	87.2	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 20000	51.1	57.2	66.9	73.5	87.3	90.3	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 18000	51.5	57.6	67.3	74.0	87.7	90.8	91.8	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 16000	51.5	57.6	67.3	74.0	87.7	90.8	91.8	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 14000	52.8	58.9	68.6	75.3	89.0	92.0	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 12000	54.4	60.3	70.6	77.6	91.6	94.7	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 10000	55.1	61.6	71.5	78.5	92.5	95.7	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 9000	55.1	61.6	71.5	78.5	92.5	95.7	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 8000	55.1	61.6	71.5	78.5	92.5	95.7	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 7000	55.1	61.6	71.5	78.5	92.5	95.7	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 6000	55.4	61.9	71.8	78.8	93.1	96.3	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 5000	55.5	62.2	72.0	79.1	93.4	96.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4500	55.5	62.2	72.0	79.1	93.4	96.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4000	55.7	62.4	72.3	79.4	93.7	96.9	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	55.8	62.5	72.4	79.5	93.8	97.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	55.8	62.5	72.5	79.6	94.3	97.6	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2500	55.8	62.5	72.5	79.6	94.3	97.6	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	56.0	62.7	72.7	79.8	94.6	98.0	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	56.0	62.7	72.8	79.9	94.7	98.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	56.0	62.7	72.8	79.9	94.7	98.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	56.0	62.7	72.9	80.0	94.8	98.2	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	56.0	62.7	72.9	80.0	94.8	98.3	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 122860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.4	58.2	68.6	75.2	85.1	85.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 20000	54.9	60.8	71.5	78.5	88.9	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 18000	55.3	61.1	71.8	78.8	89.2	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 16000	55.3	61.1	71.8	78.8	89.2	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 14000	56.5	62.3	73.3	80.4	91.1	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 12000	57.6	63.7	75.1	82.5	93.7	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 10000	58.8	64.9	76.3	83.9	95.4	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 9000	58.9	65.1	76.5	84.0	95.5	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 8000	58.9	65.1	76.5	84.0	95.5	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 7000	58.9	65.1	76.5	84.0	95.5	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 6000	59.5	65.6	77.0	84.5	96.0	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 5000	59.7	65.8	77.2	84.7	96.2	97.5	98.3	98.3	98.3	98.5	98.3	98.3	98.3	98.3	98.3	98.3
GE 4500	59.8	65.9	77.3	84.8	96.3	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	59.8	65.9	77.4	84.9	96.6	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3500	60.1	66.2	77.7	85.4	97.0	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000	60.1	66.2	77.8	85.7	97.3	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 2500	60.1	66.2	77.8	85.7	97.4	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 2000	60.1	66.2	77.8	85.8	97.5	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	60.1	66.2	77.8	85.8	97.5	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	60.1	66.2	77.8	85.8	97.5	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	60.1	66.2	77.8	85.8	97.5	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	60.1	66.2	77.8	85.8	97.5	98.8	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	60.1	66.2	77.8	85.8	97.5	98.8	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	60.1	66.2	77.8	85.8	97.5	98.8	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	60.1	66.2	77.8	85.8	97.6	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	60.1	66.2	77.8	85.8	97.6	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	60.1	66.2	77.8	85.8	97.6	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	60.1	66.2	77.8	85.8	97.6	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	60.1	66.2	77.8	85.8	97.6	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.1	66.2	77.8	85.8	97.6	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.1	66.2	77.8	85.8	97.6	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	60.1	66.2	77.8	85.8	97.6	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

Part Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.0	77.6	82.8	84.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 20000	76.5	81.2	86.6	88.7	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 18000	76.9	81.6	87.2	89.4	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 16000	77.0	81.7	87.3	89.6	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 14000	77.6	82.4	88.0	90.4	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 12000	78.8	83.7	89.5	92.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 10000	79.1	84.0	89.8	92.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 9000	79.1	84.0	89.8	92.7	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 8000	79.1	84.0	89.8	92.7	95.7	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 7000	79.1	84.0	89.8	92.7	95.7	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 6000	80.2	85.1	91.0	94.0	97.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 5000	80.8	85.6	91.5	94.5	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4500	80.8	85.6	91.5	94.5	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	80.9	85.7	91.6	94.6	97.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	81.1	85.9	91.8	94.8	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3000	81.2	86.0	92.0	95.1	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2500	81.3	86.1	92.2	95.3	98.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	81.3	86.1	92.2	95.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	81.3	86.1	92.2	95.4	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	81.3	86.1	92.2	95.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	81.3	86.1	92.2	95.5	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	81.3	86.1	92.2	95.5	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	81.3	86.1	92.2	95.5	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	81.3	86.1	92.2	95.5	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	81.3	86.1	92.2	95.5	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	81.3	86.1	92.2	95.5	98.8	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	81.3	86.1	92.2	95.5	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.3	86.1	92.2	95.5	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.3	86.1	92.2	95.5	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.3	86.1	92.2	95.5	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.3	86.1	92.2	95.5	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.3	86.1	92.2	95.5	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: 21-24

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.2	77.5	82.6	86.6	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 20000	76.5	80.0	85.1	89.1	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 18000	77.4	81.0	86.1	90.2	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 16000	77.4	81.0	86.1	90.2	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 14000	78.4	81.9	87.1	91.2	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 12000	79.0	82.6	87.7	92.2	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 10000	79.4	82.9	88.1	92.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 9000	79.4	82.9	88.1	92.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 8000	79.6	83.1	88.3	92.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 7000	79.6	83.1	88.3	92.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 6000	80.3	83.9	89.2	93.8	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 5000	80.3	83.9	89.2	93.8	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4500	80.4	84.0	89.4	93.9	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4000	80.6	84.2	89.6	94.1	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500	80.6	84.2	89.6	94.1	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	80.9	84.4	90.1	94.7	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	81.2	84.7	90.8	95.4	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	81.4	84.9	91.0	95.6	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	81.4	84.9	91.0	95.6	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	81.4	84.9	91.0	95.7	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	81.4	84.9	91.0	95.9	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	81.4	84.9	91.0	96.1	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	81.4	84.9	91.0	96.1	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	81.4	84.9	91.0	96.1	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	81.4	84.9	91.0	96.1	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	81.4	84.9	91.0	96.1	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	81.4	84.9	91.0	96.1	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.4	84.9	91.0	96.1	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.4	84.9	91.0	96.1	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.4	84.9	91.0	96.1	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.4	84.9	91.0	96.1	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.4	84.9	91.0	96.1	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.0	60.7	68.0	72.9	80.4	82.0	83.1	83.5	83.7	83.9	84.0	84.0	84.1	84.1	84.2	84.2
GE 20000	57.8	62.5	69.9	75.0	82.7	84.3	85.4	85.8	86.0	86.3	86.3	86.3	86.4	86.4	86.5	86.6
GE 18000	58.3	63.0	70.4	75.5	83.3	84.9	86.0	86.4	86.6	86.8	86.9	86.9	87.0	87.0	87.1	87.2
GE 16000	58.3	63.0	70.4	75.6	83.3	84.9	86.0	86.5	86.6	86.9	86.9	86.9	87.1	87.1	87.2	87.2
GE 14000	59.4	64.1	71.6	76.8	84.6	86.2	87.3	87.8	87.9	88.2	88.2	88.3	88.4	88.4	88.5	88.5
GE 12000	60.9	65.8	73.5	79.0	87.2	88.8	90.0	90.4	90.6	90.8	90.9	90.9	91.0	91.0	91.1	91.1
GE 10000	61.6	66.5	74.2	79.7	87.9	89.6	90.8	91.4	91.5	91.8	91.8	91.9	92.0	92.0	92.1	92.1
GE 9000	61.6	66.5	74.2	79.7	88.0	89.6	90.9	91.4	91.5	91.8	91.9	91.9	92.0	92.0	92.1	92.1
GE 8000	61.7	66.5	74.3	79.8	88.1	89.8	91.0	91.6	91.7	92.0	92.0	92.1	92.2	92.2	92.3	92.3
GE 7000	61.7	66.5	74.3	79.8	88.1	89.8	91.0	91.6	91.7	92.0	92.0	92.1	92.2	92.2	92.3	92.3
GE 6000	62.3	67.2	75.0	80.5	88.9	90.6	91.8	92.4	92.5	92.8	92.8	92.9	93.0	93.0	93.1	93.1
GE 5000	62.5	67.4	75.3	80.7	89.1	90.8	92.1	92.6	92.8	93.0	93.1	93.1	93.2	93.2	93.3	93.3
GE 4500	62.5	67.4	75.3	80.8	89.1	90.8	92.1	92.6	92.8	93.1	93.1	93.1	93.2	93.2	93.3	93.3
GE 4000	62.6	67.6	75.4	80.9	89.3	91.0	92.3	92.8	93.0	93.2	93.3	93.3	93.4	93.4	93.5	93.5
GE 3500	62.8	67.7	75.6	81.1	89.5	91.2	92.5	93.0	93.2	93.4	93.5	93.5	93.6	93.6	93.7	93.7
GE 3000	63.1	68.0	76.0	81.6	90.1	91.8	93.1	93.6	93.8	94.0	94.1	94.1	94.2	94.2	94.3	94.3
GE 2500	63.2	68.2	76.2	81.9	90.4	92.2	93.5	94.0	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.8
GE 2000	63.4	68.4	76.4	82.2	90.9	92.8	94.1	94.6	94.8	95.0	95.1	95.1	95.2	95.2	95.3	95.3
GE 1800	63.5	68.5	76.5	82.3	91.0	92.9	94.2	94.8	94.9	95.2	95.3	95.3	95.4	95.4	95.5	95.5
GE 1500	63.6	68.5	76.6	82.4	91.3	93.2	94.6	95.3	95.5	95.7	95.8	95.8	95.9	95.9	96.0	96.0
GE 1200	63.6	68.5	76.6	82.6	91.4	93.5	94.9	95.6	95.8	96.1	96.2	96.2	96.3	96.3	96.4	96.4
GE 1000	63.6	68.6	76.7	82.7	91.8	93.9	95.5	96.3	96.6	96.9	96.9	96.9	97.1	97.1	97.2	97.2
GE 900	63.6	68.6	76.7	82.8	92.0	94.2	95.8	96.6	97.0	97.3	97.4	97.4	97.5	97.5	97.6	97.6
GE 800	63.6	68.6	76.7	82.8	92.1	94.3	96.0	96.9	97.3	97.6	97.7	97.7	97.8	97.8	97.9	97.9
GE 700	63.6	68.6	76.7	82.8	92.2	94.4	96.2	97.0	97.5	97.8	97.9	97.9	98.1	98.1	98.1	98.2
GE 600	63.6	68.6	76.7	82.8	92.2	94.5	96.3	97.2	97.7	98.2	98.3	98.3	98.4	98.4	98.5	98.5
GE 500	63.6	68.6	76.7	82.8	92.2	94.5	96.4	97.4	98.0	98.5	98.7	98.7	98.9	98.9	99.0	99.0
GE 400	63.6	68.6	76.7	82.8	92.2	94.5	96.4	97.6	98.2	98.8	99.0	99.0	99.2	99.2	99.4	99.4
GE 300	63.6	68.6	76.7	82.8	92.2	94.5	96.4	97.6	98.2	98.8	99.0	99.1	99.3	99.3	99.5	99.5
GE 200	63.6	68.6	76.7	82.8	92.2	94.5	96.4	97.6	98.2	98.8	99.1	99.1	99.4	99.4	99.7	100.0
GE 100	63.6	68.6	76.7	82.8	92.2	94.5	96.4	97.6	98.2	98.8	99.1	99.1	99.4	99.4	99.7	100.0
GE 000	63.6	68.6	76.7	82.8	92.2	94.5	96.4	97.6	98.2	98.8	99.1	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 00-02

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	CE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	52.8	58.3	64.4	71.6	73.6	75.4	76.2	76.3	77.4	77.6	77.7	77.9	77.9	77.9	78.1
GE 20000	50.1	53.2	58.9	65.0	72.6	74.6	76.4	77.2	77.3	78.4	78.6	78.7	78.9	78.9	78.9	79.1
GE 18000	50.3	53.4	59.1	65.2	72.8	74.8	76.7	77.4	77.6	78.7	78.8	78.9	79.1	79.1	79.1	79.3
GE 16000	50.3	53.4	59.1	65.2	72.8	74.8	76.7	77.4	77.6	78.7	78.8	78.9	79.1	79.1	79.1	79.3
GE 14000	51.9	55.1	61.0	67.1	74.7	76.7	78.7	79.4	79.6	80.7	80.8	80.9	81.1	81.1	81.1	81.3
GE 12000	53.1	56.3	62.2	68.3	75.9	77.9	79.9	80.7	80.8	81.9	82.0	82.1	82.3	82.3	82.3	82.6
GE 10000	54.3	57.6	63.4	69.6	77.3	79.4	81.4	82.2	82.3	83.4	83.6	83.7	83.9	83.9	83.9	84.1
GE 9000	54.4	57.7	63.6	69.7	77.4	79.6	81.6	82.3	82.4	83.6	83.7	83.8	84.0	84.0	84.0	84.2
GE 8000	54.8	58.0	63.9	70.0	77.8	79.9	81.9	82.7	82.8	83.9	84.0	84.1	84.3	84.3	84.3	84.6
GE 7000	54.8	58.0	63.9	70.0	77.8	79.9	81.9	82.7	82.8	83.9	84.0	84.1	84.3	84.3	84.3	84.6
GE 6000	55.0	58.2	64.1	70.3	78.1	80.2	82.2	83.0	83.1	84.2	84.3	84.4	84.7	84.7	84.7	84.9
GE 5000	55.7	58.9	64.8	71.0	78.8	80.9	82.9	83.7	83.8	84.9	85.0	85.1	85.3	85.3	85.3	85.6
GE 4500	55.9	59.1	65.3	71.6	79.4	81.6	83.7	84.4	84.6	85.7	85.8	85.9	86.1	86.1	86.1	86.3
GE 4000	56.4	59.7	65.9	72.1	80.0	82.1	84.2	85.0	85.1	86.2	86.3	86.4	86.7	86.7	86.7	86.9
GE 3500	56.8	60.0	66.3	72.6	80.4	82.6	84.7	85.4	85.6	86.7	86.8	86.9	87.1	87.1	87.1	87.3
GE 3000	58.0	61.2	67.6	73.8	81.9	84.0	86.1	86.9	87.0	88.1	88.2	88.3	88.6	88.6	88.6	88.8
GE 2500	58.9	62.1	68.4	74.7	82.9	85.0	87.1	87.9	88.0	89.1	89.2	89.3	89.6	89.6	89.6	89.8
GE 2000	59.9	63.1	69.4	75.9	84.1	86.2	88.3	89.1	89.2	90.3	90.4	90.6	90.8	90.8	90.8	91.0
GE 1800	59.9	63.1	69.4	76.2	84.4	86.6	88.7	89.4	89.6	90.7	90.8	90.9	91.1	91.1	91.1	91.3
GE 1500	60.8	64.0	70.3	77.1	85.7	87.8	89.9	90.7	90.8	91.9	92.0	92.1	92.3	92.3	92.3	92.6
GE 1200	61.3	64.6	71.2	7.0	86.8	88.9	91.3	92.1	92.2	93.4	93.6	93.7	93.9	93.9	93.9	94.1
GE 1000	61.3	64.6	71.2	78.1	87.1	89.2	91.9	92.7	92.9	94.1	94.3	94.4	94.7	94.7	94.7	94.9
GE 900	61.4	64.7	71.6	78.4	87.4	89.8	92.6	93.3	93.6	94.8	95.0	95.1	95.3	95.3	95.3	95.6
GE 800	61.4	64.7	71.6	78.4	87.4	89.8	92.7	93.4	93.7	94.9	95.1	95.2	95.4	95.4	95.4	95.7
GE 700	61.4	64.7	71.7	78.8	88.2	90.6	93.7	94.4	94.7	95.9	96.1	96.2	96.4	96.4	96.4	96.7
GE 600	61.4	64.7	71.7	78.8	88.2	90.6	93.7	94.4	94.8	96.1	96.3	96.4	96.7	96.7	96.7	96.9
GE 500	61.4	64.7	71.7	78.8	88.4	90.8	94.1	95.0	95.3	97.1	97.3	97.4	97.7	97.7	97.7	97.9
GE 400	61.4	64.7	71.7	78.8	88.8	91.1	94.8	95.7	96.0	97.6	98.0	98.1	98.6	98.6	98.6	98.8
GE 300	61.4	64.7	71.7	78.8	88.8	91.1	94.8	95.7	96.0	97.8	98.0	98.3	98.8	98.8	98.9	99.1
GE 200	61.4	64.7	71.7	78.8	88.8	91.1	94.8	95.7	96.0	97.9	98.2	98.6	99.2	99.2	99.3	99.6
GE 100	61.4	64.7	71.7	78.8	88.8	91.1	94.8	95.7	96.0	97.9	98.2	98.6	99.2	99.2	99.6	100.0
GE 000	61.4	64.7	71.7	78.8	88.8	91.1	94.8	95.7	96.0	97.9	98.2	98.6	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

Best Available Copy

OPERATING LOCATION "A"
UAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.8	46.6	50.8	54.4	60.1	63.0	65.2	66.7	66.8	67.9	68.3	68.3	68.8	68.9	69.1	69.4
GE 20000	44.8	47.6	52.0	55.9	61.8	64.7	66.9	68.3	68.4	69.6	70.0	70.0	70.4	70.6	70.8	71.1
GE 18000	44.8	47.6	52.0	55.9	61.8	64.7	66.9	68.3	68.4	69.6	70.0	70.0	70.4	70.6	70.8	71.1
GE 16000	44.9	47.7	52.1	56.0	61.9	64.8	67.0	68.4	68.6	69.7	70.1	70.1	70.6	70.7	70.9	71.2
GE 14000	45.6	48.3	52.8	56.9	62.9	65.8	68.0	69.4	69.6	70.7	71.1	71.1	71.6	71.7	71.9	72.2
GE 12000	47.0	49.8	54.2	58.3	64.4	67.3	69.6	71.0	71.1	72.2	72.7	72.7	73.1	73.2	73.4	73.8
GE 10000	48.1	50.9	55.4	59.6	65.7	68.6	70.8	72.2	72.3	73.4	73.9	73.9	74.3	74.4	74.7	75.0
GE 9000	48.1	50.9	55.4	59.6	65.7	68.7	70.9	72.3	72.4	73.6	74.0	74.0	74.4	74.6	74.8	75.1
GE 8000	48.8	51.6	56.1	60.2	66.3	69.3	71.6	73.0	73.1	74.2	74.7	74.7	75.1	75.2	75.4	75.6
GE 7000	48.8	51.6	56.1	60.2	66.3	69.3	71.6	73.0	73.1	74.2	74.7	74.7	75.1	75.2	75.4	75.6
GE 6000	49.0	51.8	56.3	60.4	66.6	69.6	71.8	73.2	73.3	74.4	74.9	74.9	75.3	75.4	75.7	76.0
GE 5000	49.7	52.4	57.0	61.1	67.2	70.2	72.4	73.9	74.0	75.1	75.6	75.6	76.0	76.1	76.3	76.7
GE 4500	50.2	53.0	57.6	61.7	67.8	70.8	73.0	74.4	74.6	75.7	76.1	76.1	76.6	76.7	76.9	77.2
GE 4000	50.6	53.3	58.0	62.1	68.3	71.4	73.7	75.1	75.2	76.3	76.8	76.8	77.2	77.3	77.6	77.9
GE 3500	51.1	53.9	58.6	62.7	69.0	72.1	74.3	75.8	75.9	77.0	77.4	77.4	77.9	78.0	78.2	78.6
GE 3000	52.3	55.3	60.0	64.2	70.7	73.8	76.0	77.4	77.6	78.7	79.1	79.1	79.6	79.7	79.9	80.2
GE 2500	53.0	56.0	60.7	64.9	71.3	74.4	76.7	78.1	78.2	79.3	79.8	79.8	80.2	80.3	80.6	80.9
GE 2000	54.8	57.8	62.6	67.0	73.4	76.6	78.8	80.2	80.3	81.4	81.9	81.9	82.3	82.4	82.7	83.0
GE 1800	55.2	58.2	63.0	67.4	74.0	77.1	79.6	81.0	81.1	82.2	82.7	82.7	83.1	83.2	83.4	83.6
GE 1500	55.8	58.9	63.9	68.7	75.2	78.6	81.0	82.4	82.6	83.7	84.1	84.1	84.6	84.7	84.9	85.2
GE 1200	56.2	59.4	64.6	69.7	76.4	80.3	82.3	84.1	84.3	85.6	86.0	86.0	86.4	86.6	86.8	87.1
GE 1000	56.2	59.4	64.6	69.8	76.6	80.6	83.3	85.1	85.2	86.4	86.9	86.9	87.3	87.4	87.7	88.0
GE 900	56.2	59.6	64.7	70.0	76.9	81.1	83.9	85.7	85.8	87.0	87.4	87.4	87.9	88.0	88.2	88.5
GE 800	56.2	59.6	64.7	70.0	76.9	81.2	84.1	85.9	86.0	87.2	87.7	87.7	88.1	88.2	88.4	88.6
GE 700	56.2	59.7	64.9	70.7	77.8	82.2	85.4	87.6	87.7	88.9	89.3	89.3	89.8	89.9	90.1	90.4
GE 600	56.2	59.7	64.9	70.7	78.0	82.7	86.0	88.2	88.4	89.8	90.3	90.3	90.8	90.9	91.1	91.4
GE 500	56.2	59.7	64.9	70.7	78.1	82.8	86.8	89.2	89.7	91.4	92.0	92.0	92.4	92.6	92.8	93.1
GE 400	56.2	59.7	64.9	70.7	78.2	83.1	87.1	89.7	90.1	92.1	92.8	92.8	93.3	93.4	94.0	94.4
GE 300	56.2	59.7	64.9	70.7	78.2	83.1	87.2	89.9	90.3	92.7	93.7	94.1	94.7	94.8	95.9	96.6
GE 200	56.2	59.7	64.9	70.7	78.2	83.1	87.2	89.9	90.3	93.1	94.2	94.7	96.1	96.3	97.9	99.1
GE 100	56.2	59.7	64.9	70.7	78.2	83.1	87.2	89.9	90.3	93.1	94.2	94.7	96.2	96.6	98.1	100.0
GE 000	56.2	59.7	64.9	70.7	78.2	83.1	87.2	89.9	90.3	93.1	94.2	94.7	96.2	96.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.9	41.0	44.7	46.9	52.2	55.1	58.1	60.6	61.4	62.7	63.3	63.3	63.7	64.0	64.3	64.4
GE 20000	40.7	42.8	46.7	48.9	54.2	57.1	60.1	62.6	63.4	64.7	65.3	65.3	65.7	66.0	66.3	66.4
GE 18000	40.7	42.8	46.7	48.9	54.2	57.2	60.2	62.7	63.6	64.8	65.4	65.4	65.8	66.1	66.4	66.6
GE 16000	41.0	43.1	47.0	49.2	54.6	57.6	60.6	63.0	63.9	65.1	65.8	65.8	66.1	66.4	66.8	66.9
GE 14000	42.0	44.1	48.0	50.2	55.6	58.7	61.7	64.1	65.0	66.2	66.9	66.9	67.2	67.6	67.9	68.0
GE 12000	43.4	45.6	49.6	51.8	57.3	60.4	63.8	66.2	67.1	68.3	69.0	69.0	69.3	69.7	70.0	70.1
GE 10000	43.7	46.1	50.1	52.3	57.9	61.0	64.4	66.9	67.8	69.0	69.7	69.7	70.0	70.3	70.7	70.8
GE 9000	43.9	46.3	50.3	52.6	58.1	61.2	64.7	67.1	68.1	69.3	70.0	70.0	70.3	70.7	71.0	71.1
GE 8000	44.3	47.0	51.0	53.2	58.8	61.9	65.3	67.9	68.9	70.1	70.8	70.8	71.1	71.4	71.8	71.9
GE 7000	44.4	47.1	51.1	53.3	58.9	62.0	65.4	68.0	69.0	70.2	70.9	70.9	71.2	71.6	71.9	72.0
GE 6000	44.8	47.4	51.6	53.8	59.3	62.4	65.9	68.4	69.4	70.7	71.3	71.3	71.7	72.0	72.3	72.4
GE 5000	45.2	47.9	52.1	54.3	60.0	63.1	66.6	69.1	70.1	71.6	72.2	72.2	72.6	72.9	73.2	73.3
GE 4500	45.8	48.4	52.7	54.9	60.6	63.7	67.1	69.7	70.7	72.1	72.8	72.8	73.1	73.4	73.8	73.9
GE 4000	46.8	49.6	53.9	56.1	62.0	65.4	68.9	71.4	72.4	73.9	74.6	74.6	74.9	75.2	75.6	75.7
GE 3500	47.7	50.4	55.0	57.2	63.2	66.7	70.1	72.7	73.7	75.1	75.8	75.8	76.1	76.4	76.8	76.9
GE 3000	49.	51.9	56.7	58.9	64.9	68.3	71.8	74.3	75.3	76.8	77.4	77.4	77.8	78.1	78.4	78.6
GE 2500	50.3	53.2	58.1	60.3	66.4	69.9	73.3	75.9	77.0	78.4	79.1	79.1	79.4	79.8	80.1	80.2
GE 2000	51.7	54.7	59.9	62.8	69.0	72.6	76.1	78.7	79.8	81.2	81.9	81.9	82.2	82.6	82.9	83.0
GE 1800	51.9	55.0	60.2	63.2	69.4	73.0	76.8	79.6	80.7	82.1	82.8	82.8	83.1	83.4	83.8	83.9
GE 1500	52.1	55.2	61.0	64.1	70.9	74.6	78.7	81.4	82.6	84.0	84.7	84.7	85.0	85.3	85.7	85.8
GE 1200	52.4	55.6	61.3	64.6	71.3	75.3	79.9	82.8	84.1	85.6	86.2	86.2	86.6	86.9	87.2	87.3
GE 1000	52.4	55.6	61.4	64.8	71.6	75.9	80.7	83.7	85.3	86.8	87.4	87.4	87.8	88.1	88.4	88.6
GE 900	52.4	55.6	61.4	64.8	71.6	76.3	81.2	84.3	85.0	87.4	88.1	88.1	88.4	88.8	89.1	89.2
GE 800	52.4	55.6	61.4	64.8	71.6	76.7	81.6	84.9	86.6	88.1	88.8	88.8	89.1	89.4	89.8	89.9
GE 700	52.7	55.8	61.7	65.1	72.1	77.3	82.6	86.2	87.9	89.6	90.2	90.2	90.6	90.9	91.2	91.3
GE 600	52.7	55.8	61.7	65.1	72.1	77.3	82.6	86.4	88.2	89.9	90.6	90.6	90.9	91.2	91.6	91.7
GE 500	52.7	55.8	61.7	65.1	72.1	77.3	82.8	87.3	89.2	91.1	92.2	92.2	92.7	93.0	93.3	93.4
GE 400	52.7	55.8	61.7	65.1	72.1	77.3	82.8	87.3	89.4	92.1	93.7	94.0	94.9	95.7	96.1	96.2
GE 300	52.7	55.8	61.7	65.1	72.1	77.3	82.8	87.3	89.4	92.1	94.1	94.6	95.9	96.8	97.4	98.0
GE 200	52.7	55.8	61.7	65.1	72.1	77.3	82.8	87.3	89.4	92.1	94.3	94.8	96.2	97.2	98.4	99.8
GE 100	52.7	55.8	61.7	65.1	72.1	77.3	82.8	87.3	89.4	92.1	94.3	94.8	96.2	97.2	98.4	100.0
GE 000	52.7	55.8	61.7	65.1	72.1	77.3	82.8	87.3	89.4	92.1	94.3	94.8	96.2	97.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	56.1	60.4	63.3	69.4	72.0	73.9	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 20000	54.8	58.3	63.0	65.9	72.0	74.6	76.4	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 18000	54.9	58.4	63.1	66.0	72.3	75.0	76.9	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	55.3	58.9	63.6	66.4	72.3	75.4	77.3	78.1	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 14000	57.1	60.7	65.3	68.2	74.6	77.2	79.1	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 12000	58.1	61.7	66.3	69.4	75.8	78.7	80.6	81.3	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 10000	59.3	62.9	67.6	70.7	77.0	79.9	81.8	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 9000	59.6	63.1	67.8	70.9	77.2	80.1	82.0	82.8	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 8000	59.6	63.1	67.8	70.9	77.2	80.1	82.0	82.8	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 7000	59.6	63.1	67.8	70.9	77.3	80.3	82.2	83.1	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	59.9	63.4	68.3	71.4	77.9	80.9	82.8	83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	60.7	64.2	69.1	72.2	78.7	81.7	83.6	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500	61.2	64.8	69.7	72.9	79.3	82.3	84.2	85.1	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	62.6	66.3	71.2	74.6	81.2	84.2	86.1	87.0	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	64.1	68.0	73.2	76.6	83.2	86.2	88.1	89.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	66.2	70.1	75.4	78.8	85.6	88.7	90.6	91.4	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	66.8	70.8	76.1	79.4	86.7	90.0	91.9	92.8	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	67.7	71.7	77.1	80.6	87.8	91.3	93.2	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	67.7	71.7	77.1	80.6	87.9	91.6	93.6	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	68.1	72.1	77.6	81.0	88.3	92.2	94.6	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	68.1	72.1	77.6	81.0	88.3	92.3	94.7	95.8	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	68.4	72.4	77.9	81.3	88.7	92.9	95.4	96.6	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	68.4	72.4	77.9	81.3	88.7	92.9	95.4	96.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	68.4	72.4	77.9	81.7	89.0	93.2	95.8	97.1	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	68.4	72.4	77.9	81.7	89.0	93.2	95.8	97.1	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	68.4	72.4	77.9	81.7	89.0	93.2	95.9	97.3	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	68.4	72.4	77.9	81.7	89.0	93.2	96.0	97.4	98.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9
GE 400	68.4	72.4	77.9	81.7	89.0	93.2	96.0	97.4	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	68.4	72.4	77.9	81.7	89.0	93.2	96.0	97.4	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	68.4	72.4	77.9	81.7	89.0	93.2	96.0	97.4	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	68.4	72.4	77.9	81.7	89.0	93.2	96.0	97.4	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	68.4	72.4	77.9	81.7	89.0	93.2	96.0	97.4	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	51.8	56.9	61.7	74.3	78.7	80.4	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 20000	48.9	54.0	59.1	63.9	76.6	81.1	82.9	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 18000	49.2	54.3	59.4	64.2	77.2	81.6	83.3	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 16000	49.2	54.3	59.4	64.2	77.2	81.6	83.3	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 14000	50.8	55.9	61.0	65.8	78.8	83.1	84.9	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 12000	52.3	57.4	62.9	67.9	81.2	85.6	87.3	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 10000	53.3	58.6	64.0	69.0	82.3	86.7	88.4	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 9000	53.6	58.9	64.3	69.3	82.7	87.0	88.8	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 8000	54.1	59.4	64.9	69.9	83.2	87.6	89.3	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 7000	54.1	59.4	64.9	69.9	83.2	87.6	89.3	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 6000	55.8	61.1	66.7	71.8	85.2	89.6	91.3	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 5000	57.0	62.3	67.0	73.0	86.4	90.8	92.6	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	57.1	62.4	68.3	73.4	86.9	91.2	93.0	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4000	58.8	64.1	70.0	75.1	88.6	92.9	94.7	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3500	60.1	65.4	71.4	76.6	90.0	94.3	96.1	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	61.3	66.7	72.8	78.0	91.6	95.9	97.7	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	61.7	67.1	73.3	78.7	92.3	96.7	98.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	61.9	67.3	73.6	78.9	92.5	96.9	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	61.9	67.3	73.6	78.9	92.6	96.9	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	62.0	67.4	73.7	79.0	92.7	97.0	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	62.0	67.4	73.7	79.0	92.7	97.0	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	62.1	67.6	73.8	79.1	92.8	97.1	98.9	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	62.1	67.6	73.8	79.3	93.0	97.3	99.1	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	62.1	67.6	73.8	79.4	93.1	97.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	62.1	67.6	73.8	79.4	93.1	97.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	62.1	67.6	73.8	79.4	93.1	97.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	62.1	67.6	73.8	79.4	93.1	97.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	62.1	67.6	73.8	79.4	93.1	97.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.1	67.6	73.8	79.4	93.1	97.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.1	67.6	73.8	79.4	93.1	97.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.1	67.6	73.8	79.4	93.1	97.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	62.1	67.6	73.8	79.4	93.1	97.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.7	47.3	55.2	62.4	74.9	79.3	80.6	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 20000	46.2	50.1	58.2	65.6	78.1	82.6	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 18000	46.3	50.3	58.7	66.0	78.7	83.1	84.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 16000	46.3	50.3	58.7	66.0	78.7	83.1	84.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 14000	47.6	51.6	60.0	67.3	80.0	84.4	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 12000	50.3	54.3	62.8	70.1	82.9	87.3	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 10000	51.7	55.8	64.2	71.7	84.9	89.3	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 9000	51.9	56.0	64.4	71.9	85.3	89.8	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 8000	52.4	56.6	65.0	72.4	85.9	90.3	91.7	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 7000	52.6	56.7	65.1	72.6	86.0	90.4	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 6000	54.2	58.3	66.8	74.2	87.8	92.2	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 5000	55.4	59.6	68.2	75.7	89.2	93.7	95.1	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4500	55.7	59.8	68.4	75.9	89.4	93.9	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	56.8	60.9	69.6	77.1	90.7	95.1	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	57.8	61.9	70.6	78.1	91.7	96.1	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	58.6	62.7	71.4	79.0	92.6	97.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	59.0	63.1	71.9	79.4	93.0	97.4	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	59.0	63.1	71.9	79.4	93.0	97.4	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	59.1	63.2	72.0	79.6	93.1	97.6	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	59.3	63.4	72.2	79.8	93.3	97.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	59.3	63.4	72.2	79.8	93.3	97.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	59.3	63.4	72.2	79.8	93.4	97.9	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	59.3	63.4	72.2	79.9	93.6	98.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	59.3	63.4	72.2	79.9	93.6	98.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	59.3	63.4	72.2	79.9	93.6	98.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	59.3	63.4	72.2	79.9	93.6	98.0	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	59.3	63.4	72.2	79.9	93.7	98.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	59.3	63.4	72.2	79.9	93.7	98.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	59.3	63.4	72.2	79.9	93.7	98.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	59.3	63.4	72.2	79.9	93.7	98.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	59.3	63.4	72.2	79.9	93.7	98.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.3	63.4	72.2	79.9	93.7	98.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SE HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	64.1	70.6	74.1	81.1	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 20000	62.4	66.1	72.9	76.6	83.6	84.4	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 18000	63.1	66.8	73.8	77.4	84.6	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 16000	63.4	67.1	74.2	77.9	85.0	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 14000	65.4	69.2	76.4	80.1	87.3	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 12000	67.1	71.0	78.2	82.0	89.2	90.1	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 10000	68.2	72.1	79.3	83.1	90.6	91.4	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 9000	68.6	72.4	79.7	83.4	90.9	91.8	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 8000	68.7	72.6	79.9	83.8	91.2	92.2	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 7000	68.7	72.6	79.9	83.8	91.2	92.2	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 6000	69.6	73.6	80.9	84.9	92.3	93.3	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 5000	70.7	74.7	82.0	86.0	93.4	94.4	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4500	71.1	75.1	82.4	86.4	93.9	94.9	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	72.3	76.3	83.7	87.7	95.1	96.1	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	72.7	76.7	84.0	88.0	95.4	96.4	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	73.6	77.6	84.9	89.1	96.9	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	73.7	77.7	85.0	89.2	97.0	98.1	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	73.8	77.8	85.1	89.3	97.1	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	73.8	77.8	85.1	89.3	97.1	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	73.9	77.9	85.2	89.4	97.2	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	73.9	77.9	85.2	89.4	97.6	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	74.1	78.1	85.4	89.7	97.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	74.1	78.1	85.4	89.7	97.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	74.1	78.1	85.4	89.7	97.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	74.1	78.1	85.4	89.7	97.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	74.1	78.1	85.4	89.7	97.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	74.1	78.1	85.4	89.7	97.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	74.1	78.1	85.4	89.7	97.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	74.1	78.1	85.4	89.7	97.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.1	78.1	85.4	89.7	97.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.1	78.1	85.4	89.7	97.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.1	78.1	85.4	89.7	97.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89

MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	64.3	69.2	75.1	81.9	83.0	83.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 20000	62.3	65.8	70.8	76.9	83.8	84.9	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 18000	62.7	66.1	71.1	77.2	84.1	85.2	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 16000	62.8	66.2	71.2	77.3	84.2	85.3	86.1	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 14000	64.3	67.9	72.9	79.0	86.0	87.1	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 12000	65.8	69.3	74.3	80.4	87.4	88.7	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 10000	66.4	70.0	75.0	81.1	88.1	89.4	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 9000	66.4	70.1	75.1	81.2	88.2	89.6	90.6	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 8000	66.6	70.2	75.2	81.3	88.3	89.7	90.7	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 7000	66.6	70.2	75.2	81.3	88.3	89.7	90.7	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 6000	66.8	70.4	75.4	81.6	88.6	89.9	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 5000	67.8	71.4	76.4	82.6	89.6	90.9	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4500	68.1	71.8	76.8	82.9	89.9	91.2	92.2	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4000	69.1	72.8	77.8	83.9	90.9	92.2	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	69.4	73.1	78.1	84.2	91.2	92.6	93.6	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	70.9	74.6	79.7	85.9	93.0	94.3	95.3	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	71.4	75.1	80.2	86.4	93.6	94.9	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	72.4	76.1	81.2	87.4	94.7	96.0	97.0	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	72.4	76.1	81.3	87.6	94.8	96.1	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	73.0	76.7	81.9	88.1	95.3	96.7	97.7	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	73.1	76.8	82.0	88.2	96.0	97.6	98.6	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	73.2	76.9	82.1	88.3	96.1	97.7	98.7	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	73.2	76.9	82.1	88.4	96.2	97.8	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	73.2	76.9	82.1	88.4	96.2	97.8	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	73.2	76.9	82.1	88.4	96.2	97.8	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	73.2	76.9	82.1	88.4	96.2	97.8	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	73.2	76.9	82.1	88.4	96.2	97.8	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	73.2	76.9	82.1	88.4	96.2	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	73.2	76.9	82.1	88.4	96.2	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.2	76.9	82.1	88.4	96.2	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.2	76.9	82.1	88.4	96.2	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	73.2	76.9	82.1	88.4	96.2	97.8	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	53.0	58.3	62.8	70.7	73.3	75.0	75.8	76.1	76.5	76.7	76.7	76.8	76.9	76.9	77.0
GE 20000	51.3	54.7	60.2	64.8	72.8	75.5	77.1	77.9	78.2	78.7	78.8	78.8	79.0	79.0	79.1	79.2
GE 18000	51.5	55.0	60.5	65.1	73.2	75.9	77.5	78.3	78.6	79.1	79.2	79.2	79.4	79.4	79.5	79.6
GE 16000	51.7	55.1	60.7	65.3	73.4	76.1	77.7	78.5	78.8	79.3	79.4	79.4	79.5	79.6	79.7	79.8
GE 14000	53.1	56.6	62.2	66.8	75.0	77.7	79.3	80.1	80.4	80.9	81.0	81.0	81.2	81.2	81.3	81.4
GE 12000	54.7	58.2	63.8	68.5	76.8	79.5	81.2	82.0	82.3	82.8	82.9	82.9	83.1	83.1	83.2	83.3
GE 10000	55.6	59.2	64.9	69.6	78.0	80.7	82.5	83.3	83.6	84.1	84.2	84.3	84.4	84.4	84.5	84.6
GE 9000	55.8	59.4	65.1	69.8	78.2	81.0	82.7	83.5	83.9	84.3	84.5	84.5	84.6	84.7	84.8	84.8
GE 8000	56.2	59.8	65.5	70.2	78.6	81.4	83.2	84.0	84.3	84.8	84.9	84.9	85.1	85.1	85.2	85.3
GE 7000	56.2	59.8	65.5	70.3	78.6	81.4	83.2	84.1	84.4	84.8	85.0	85.0	85.1	85.2	85.3	85.3
GE 6000	56.9	60.5	66.3	71.1	79.5	82.3	84.1	84.9	85.2	85.7	85.8	85.9	86.0	86.0	86.1	86.2
GE 5000	57.8	61.4	67.2	72.0	80.4	83.2	85.0	85.8	86.2	86.7	86.8	86.8	87.0	87.0	87.1	87.2
GE 4500	58.1	61.8	67.7	72.5	80.9	83.7	85.5	86.3	86.7	87.2	87.3	87.3	87.5	87.5	87.6	87.7
GE 4000	59.2	62.9	68.8	73.6	82.1	84.9	86.8	87.6	87.9	88.4	88.6	88.6	88.7	88.8	88.8	88.9
GE 3500	60.0	63.7	69.7	74.5	83.0	85.9	87.7	88.5	88.8	89.3	89.5	89.5	89.6	89.7	89.8	89.8
GE 3000	61.3	65.0	71.1	76.0	84.6	87.5	89.3	90.2	90.5	91.0	91.1	91.1	91.3	91.3	91.4	91.5
GE 2500	61.8	65.6	71.7	76.6	85.4	88.3	90.1	91.0	91.3	91.8	91.9	92.0	92.1	92.1	92.2	92.3
GE 2000	62.6	66.4	72.6	77.7	86.5	89.4	91.2	92.1	92.4	92.9	93.1	93.1	93.2	93.3	93.3	93.4
GE 1800	62.7	66.6	72.7	77.8	86.7	89.6	91.5	92.4	92.8	93.3	93.4	93.4	93.5	93.6	93.7	93.8
GE 1500	63.1	67.0	73.2	78.4	87.3	90.4	92.3	93.3	93.6	94.1	94.3	94.3	94.4	94.4	94.5	94.6
GE 1200	63.3	67.2	73.5	78.7	87.8	91.0	93.1	94.0	94.4	94.9	95.1	95.1	95.2	95.3	95.4	95.4
GE 1000	63.4	67.3	73.6	78.9	88.0	91.3	93.5	94.5	94.9	95.5	95.6	95.7	95.8	95.8	95.9	96.0
GE 900	63.4	67.3	73.6	79.0	88.1	91.5	93.8	94.8	95.3	95.8	96.0	96.0	96.1	96.2	96.2	96.3
GE 800	63.4	67.3	73.6	79.0	88.2	91.6	93.9	95.0	95.4	96.0	96.2	96.2	96.3	96.4	96.5	96.5
GE 700	63.4	67.3	73.7	79.2	88.5	91.9	94.3	95.5	96.0	96.5	96.7	96.8	96.9	96.9	97.0	97.1
GE 600	63.4	67.3	73.7	79.2	88.5	92.0	94.4	95.6	96.2	96.8	97.0	97.0	97.2	97.2	97.3	97.4
GE 500	63.4	67.3	73.7	79.2	88.6	92.1	94.5	96.0	96.6	97.1	97.1	97.1	97.8	97.9	97.9	98.0
GE 400	63.4	67.3	73.7	79.2	88.6	92.2	94.5	96.1	96.8	97.1	98.0	98.1	98.3	98.5	98.6	98.7
GE 300	63.4	67.3	73.7	79.2	88.6	92.2	94.5	96.1	96.8	97.2	98.2	98.4	98.7	98.8	99.0	99.2
GE 200	63.4	67.3	73.7	79.2	88.6	92.2	94.5	96.1	96.8	97.2	98.3	98.5	98.9	99.1	99.5	99.8
GE 100	63.4	67.3	73.7	79.2	88.6	92.2	94.5	96.1	96.8	97.2	98.3	98.5	99.0	99.1	99.5	100.0
GE 000	63.4	67.3	73.7	79.2	88.6	92.2	94.5	96.1	96.8	97.2	98.3	98.5	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.3	42.6	47.3	50.2	56.0	58.6	63.1	65.2	65.6	67.6	68.8	68.8	69.6	69.8	70.5	71.3
GE 20000	41.6	44.0	49.1	52.3	58.3	60.9	65.6	67.7	68.3	70.3	71.5	71.5	72.3	72.5	73.2	74.0
GE 18000	41.9	44.3	49.5	52.6	58.6	61.2	65.9	68.1	68.6	70.6	71.8	71.8	72.6	72.8	73.5	74.3
GE 16000	42.0	44.4	49.6	52.7	58.7	61.3	66.0	68.2	68.7	70.8	71.9	71.9	72.7	72.9	73.7	74.4
GE 14000	42.3	44.6	49.8	52.9	58.9	61.5	66.2	68.4	68.9	71.0	72.2	72.2	72.9	73.1	73.9	74.6
GE 12000	42.7	45.1	50.2	53.3	59.7	62.6	67.5	69.7	70.2	72.3	73.4	73.4	74.2	74.4	75.2	75.9
GE 10000	43.4	45.9	51.1	54.3	60.6	63.5	68.5	70.6	71.2	73.2	74.4	74.4	75.2	75.4	76.1	76.9
GE 9000	43.4	45.9	51.1	54.3	60.6	63.5	68.5	70.6	71.2	73.2	74.4	74.4	75.2	75.4	76.1	76.9
GE 8000	44.0	46.5	51.6	54.8	61.2	64.1	69.0	71.2	71.7	73.8	74.9	74.9	75.7	75.9	76.7	77.4
GE 7000	44.1	46.6	51.7	54.9	61.3	64.2	69.1	71.3	71.8	73.9	75.1	75.1	75.8	76.0	76.8	77.5
GE 6000	44.3	46.9	52.2	55.4	61.7	64.6	69.7	71.8	72.4	74.4	75.6	75.6	76.3	76.6	77.3	78.1
GE 5000	44.9	47.6	53.1	56.3	62.8	65.7	70.8	72.9	73.4	75.5	76.7	76.7	77.4	77.6	78.4	79.1
GE 4500	45.3	48.0	53.4	56.7	63.1	66.0	71.1	73.2	73.8	75.8	77.0	77.0	77.7	78.0	78.7	79.5
GE 4000	46.9	49.6	55.1	58.3	64.7	67.6	72.7	74.8	75.4	77.4	78.6	78.6	79.4	79.6	80.3	81.1
GE 3500	47.3	50.0	55.5	58.7	65.2	68.1	73.1	75.3	75.8	77.8	79.0	79.0	79.8	80.0	80.8	81.5
GE 3000	47.8	50.5	56.1	59.5	66.9	69.8	75.4	77.5	78.1	80.1	81.3	81.3	82.0	82.3	83.0	83.8
GE 2500	48.1	50.8	56.7	60.0	67.5	70.4	76.1	78.3	78.8	80.9	82.2	82.2	82.9	83.1	83.9	84.6
GE 2000	48.1	50.9	57.1	60.4	68.5	71.5	77.2	79.4	79.9	82.0	83.3	83.3	84.0	84.3	85.0	85.7
GE 1800	48.3	51.1	57.5	60.6	68.8	71.9	77.6	79.8	80.3	82.4	83.7	83.7	84.4	84.7	85.4	86.1
GE 1600	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 1400	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 1200	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 1000	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 900	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 800	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 700	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 600	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 500	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 400	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 300	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 200	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 100	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3
GE 0	48.6	51.4	57.7	61.7	70.0	73.1	78.8	81.0	81.5	83.6	84.9	84.9	85.6	85.9	86.6	87.3

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.4	39.5	43.2	44.2	48.0	49.1	52.9	54.9	56.0	58.4	60.1	60.4	62.3	62.4	62.7	64.0
GE 20000	40.3	41.4	45.4	46.5	50.4	51.6	55.6	57.7	58.8	61.3	63.1	63.4	65.3	65.4	65.8	67.1
GE 18000	40.5	41.6	45.6	46.7	50.6	51.8	55.8	58.0	59.0	61.5	63.3	63.7	65.5	65.6	66.0	67.3
GE 16000	40.5	41.6	45.6	46.7	50.6	51.8	55.8	58.0	59.0	61.5	63.3	63.7	65.5	65.6	66.0	67.3
GE 14000	41.1	42.2	46.1	47.2	51.3	52.5	56.5	58.6	59.7	62.2	64.0	64.3	66.1	66.2	66.7	68.0
GE 12000	41.3	42.4	46.3	47.4	51.9	53.1	57.1	59.2	60.3	62.8	64.6	64.9	67.0	67.1	67.5	68.8
GE 10000	42.3	43.3	47.4	48.5	53.0	54.2	58.2	60.3	61.4	63.9	65.7	66.0	68.1	68.2	68.6	69.9
GE 9000	42.3	43.3	47.4	48.5	53.0	54.2	58.2	60.3	61.4	63.9	65.7	66.0	68.1	68.2	68.6	69.9
GE 8000	42.7	43.8	48.0	49.0	53.5	54.7	58.7	60.9	61.9	64.4	66.2	66.6	68.6	68.7	69.1	70.4
GE 7000	42.7	43.8	48.0	49.0	53.5	54.7	58.7	60.9	61.9	64.4	66.2	66.6	68.6	68.7	69.1	70.4
GE 6000	43.0	44.1	48.3	49.4	53.9	55.1	59.1	61.3	62.5	64.9	66.8	67.1	69.1	69.2	69.7	71.0
GE 5000	43.4	44.5	48.9	50.0	54.5	55.7	59.9	62.0	63.2	65.7	67.5	67.8	69.9	70.0	70.4	71.7
GE 4500	43.8	44.9	49.2	50.3	54.8	56.0	60.2	62.4	63.5	66.0	67.8	68.2	70.2	70.3	70.8	72.0
GE 4000	44.7	45.8	50.2	51.3	55.8	57.0	61.2	63.3	64.5	67.0	68.8	69.1	71.2	71.3	71.7	73.0
GE 3500	45.1	46.1	50.5	51.6	56.2	57.4	61.6	63.8	64.9	67.4	69.2	69.6	71.6	71.7	72.2	73.4
GE 3000	46.1	47.2	52.2	53.3	58.5	59.7	64.2	66.3	67.5	70.0	71.8	72.2	74.2	74.3	74.7	76.0
GE 2500	46.5	47.6	52.5	53.9	59.5	60.6	65.1	67.3	68.5	71.0	72.8	73.1	75.1	75.3	75.7	77.0
GE 2000	46.9	48.0	53.2	54.6	60.5	61.7	66.2	68.4	69.6	72.1	73.9	74.2	76.2	76.4	76.8	78.0
GE 1800	47.2	48.3	53.5	54.9	61.8	63.0	67.5	69.7	70.9	73.4	75.2	75.6	77.6	77.8	78.2	79.4
GE 1500	47.5	48.6	54.0	55.4	62.4	63.6	68.1	70.3	71.5	74.0	75.8	76.2	78.2	78.4	78.8	80.0
GE 1200	47.5	48.6	54.0	55.4	62.4	63.6	68.1	70.3	71.5	74.0	75.8	76.2	78.2	78.4	78.8	80.0
GE 1000	47.6	48.7	54.2	55.5	64.2	65.5	71.1	73.3	74.5	77.0	78.8	79.2	81.2	81.4	81.8	83.0
GE 900	47.6	48.7	54.2	55.6	64.6	66.5	72.0	74.7	76.5	78.5	80.3	80.6	82.7	82.8	83.2	84.5
GE 800	47.6	48.7	54.2	56.6	64.9	67.0	72.7	75.4	77.1	79.6	81.4	81.7	83.9	84.0	84.4	85.7
GE 700	47.6	48.7	54.2	56.6	64.9	67.3	73.3	76.0	77.8	80.4	82.3	82.6	84.7	84.8	85.3	86.6
GE 600	47.6	48.7	54.2	56.6	64.9	67.3	73.3	76.3	78.2	81.1	83.0	83.3	85.5	85.6	86.0	87.3
GE 500	47.6	48.7	54.2	56.6	64.9	67.3	73.3	76.3	78.2	81.1	83.0	83.3	85.5	85.6	86.0	87.3
GE 400	47.6	48.7	54.2	56.7	65.4	67.7	74.0	77.4	79.7	83.3	85.5	85.8	88.0	88.1	89.1	90.5
GE 300	47.6	48.7	54.2	56.7	65.4	67.7	74.0	77.7	80.2	84.1	86.3	86.9	89.2	89.5	90.6	92.4
GE 200	47.6	48.7	54.2	56.7	65.4	67.7	74.1	77.3	80.5	84.4	86.7	87.2	90.1	90.3	92.3	97.2
GE 100	47.6	48.7	54.2	56.7	65.4	67.7	74.1	77.8	80.5	84.4	86.7	87.2	90.1	90.3	92.3	98.7
GE 000	47.6	48.7	54.2	56.7	65.4	67.7	74.1	77.8	80.5	84.4	86.7	87.2	90.1	90.3	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.5	37.0	38.8	39.6	42.3	43.5	45.5	47.2	49.8	52.3	54.6	55.3	56.8	57.2	57.5	59.0
GE 20000	38.9	39.5	41.4	42.3	44.9	46.3	48.5	50.5	53.4	56.1	58.5	59.1	60.8	61.2	61.6	63.1
GE 18000	39.2	39.8	41.7	42.7	45.6	47.0	49.1	51.3	54.2	56.9	59.2	59.9	61.5	61.9	62.4	63.9
GE 16000	39.2	39.8	41.7	42.7	45.7	47.1	49.2	51.4	54.4	57.1	59.5	60.1	61.7	62.2	62.6	64.1
GE 14000	40.6	41.2	43.1	44.1	47.2	48.7	50.9	53.1	56.1	58.8	61.2	61.8	63.4	63.9	64.3	65.8
GE 12000	41.1	41.6	43.8	44.7	48.2	49.7	51.8	54.1	57.1	59.8	62.2	62.8	64.4	64.8	65.4	67.0
GE 10000	42.6	43.1	45.3	46.2	49.7	51.4	53.8	56.0	59.0	61.7	64.1	64.7	66.3	66.8	67.3	68.9
GE 9000	42.7	43.2	45.4	46.3	49.8	51.7	53.8	56.1	59.1	61.8	64.2	64.8	66.5	66.9	67.4	69.0
GE 8000	43.5	44.1	46.2	47.2	50.8	51.8	54.1	57.0	60.0	62.7	65.1	65.7	67.3	67.7	68.3	69.9
GE 7000	43.7	44.3	46.5	47.5	51.0	52.0	54.3	57.2	60.2	62.9	65.3	65.9	67.5	68.0	68.5	70.1
GE 6000	44.0	44.6	46.9	47.8	51.3	52.0	54.5	57.7	60.8	63.4	65.8	66.5	68.1	68.5	69.0	70.6
GE 5000	44.3	44.8	47.1	48.2	51.5	52.3	54.7	58.4	61.4	64.1	66.5	67.1	68.7	69.1	69.7	71.3
GE 4500	44.4	44.9	47.2	48.3	51.6	52.4	54.9	58.5	61.5	64.2	66.6	67.2	68.8	69.2	69.8	71.4
GE 4000	45.1	45.7	48.3	49.4	53.0	53.8	56.4	59.7	62.7	65.4	67.7	68.4	70.0	70.4	71.0	72.6
GE 3500	45.6	46.1	48.7	49.8	53.5	54.3	57.8	60.1	63.1	65.8	68.2	68.8	70.5	71.0	71.5	73.1
GE 3000	46.9	47.4	50.0	51.1	55.5	57.3	59.9	62.2	65.2	67.8	70.2	70.9	72.6	73.0	73.5	75.2
GE 2500	47.5	48.2	50.9	52.2	56.7	58.6	61.5	63.8	66.9	69.7	72.0	72.7	74.4	74.8	75.4	77.0
GE 2000	48.0	48.6	51.4	53.1	58.2	60.1	63.1	65.4	68.5	71.4	73.9	74.5	76.3	76.8	77.3	78.9
GE 1800	48.1	48.7	51.6	53.3	58.5	60.6	63.7	66.0	69.2	72.2	74.6	75.3	77.1	77.5	78.1	79.7
GE 1500	48.2	48.8	51.8	53.7	59.1	61.2	64.1	68.1	71.3	74.2	76.7	77.3	79.1	79.6	80.1	81.7
GE 1200	48.3	48.9	51.9	53.8	59.7	62.0	65.2	69.0	72.4	75.3	77.7	78.4	80.2	80.6	81.2	82.8
GE 1000	48.7	49.4	52.4	54.2	60.1	62.7	66.0	69.9	73.3	76.6	79.2	79.9	81.7	82.2	82.7	84.3
GE 900	48.7	49.4	52.4	54.2	60.1	62.7	67.0	70.5	74.4	77.7	80.4	81.2	83.0	83.4	84.0	85.6
GE 800	48.7	49.4	52.4	54.4	60.6	63.2	67.7	71.6	75.7	79.0	81.8	82.6	84.5	84.9	85.5	87.1
GE 700	48.7	49.4	52.4	54.4	60.6	63.3	68.0	71.9	76.0	79.6	82.4	83.1	85.1	85.5	86.0	87.6
GE 600	48.7	49.4	52.4	54.4	60.6	63.3	68.1	72.5	76.6	80.1	83.0	83.8	85.9	86.5	87.1	88.7
GE 500	48.7	49.5	52.6	54.7	61.0	63.7	68.4	72.8	77.0	80.6	83.8	84.6	87.1	87.6	88.4	90.0
GE 450	48.7	49.5	52.6	54.7	61.0	63.7	68.4	73.0	77.1	80.8	83.9	84.7	87.4	88.0	88.8	91.0
GE 400	48.7	49.5	52.6	54.7	61.0	63.7	68.4	73.0	77.4	81.4	84.5	85.5	88.5	89.0	90.3	92.1
GE 350	48.7	49.5	52.6	54.7	61.0	63.7	68.5	73.1	77.5	81.5	84.6	85.7	89.6	90.3	92.0	93.8
GE 300	48.7	49.5	52.6	54.7	61.0	63.7	68.5	73.1	77.5	81.5	84.6	85.7	89.6	90.3	92.3	94.1
GE 200	48.7	49.5	52.6	54.7	61.0	63.7	68.5	73.1	77.5	81.5	84.6	85.7	89.6	90.3	92.3	94.1
GE 100	48.7	49.5	52.6	54.7	61.0	63.7	68.5	73.1	77.5	81.5	84.6	85.7	89.6	90.3	92.3	94.1
GE 50	48.7	49.5	52.6	54.7	61.0	63.7	68.5	73.1	77.5	81.5	84.6	85.7	89.6	90.3	92.3	94.1

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARSH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: 001 HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.9	47.6	51.6	53.9	59.6	63.4	65.6	67.1	69.2	70.0	70.5	70.6	70.8	70.8	70.9	70.9
GE 20000	50.6	52.4	56.6	58.6	64.4	68.7	71.1	72.1	72.1	75.6	76.2	76.5	76.5	76.5	76.6	76.6
GE 18000	50.9	52.6	56.9	58.9	64.7	69.1	71.5	72.5	72.5	76.1	76.9	77.0	77.1	77.1	77.2	77.2
GE 16000	50.9	52.6	56.9	58.9	64.7	69.1	71.5	72.5	72.5	76.1	76.9	77.0	77.1	77.1	77.2	77.2
GE 14000	51.5	53.5	58.0	60.0	66.1	70.5	72.5	73.1	73.1	77.0	78.4	78.5	78.6	78.6	78.7	78.7
GE 12000	52.4	54.1	58.7	60.8	66.9	71.5	73.8	74.1	74.1	78.0	79.1	79.2	79.4	79.4	79.5	79.5
GE 10000	52.4	54.6	59.4	61.4	67.5	71.9	74.4	74.1	74.1	78.1	79.3	79.9	80.0	80.0	80.1	80.1
GE 9000	53.5	55.5	60.0	62.0	68.2	72.6	75.1	74.1	74.1	78.1	79.4	80.4	80.5	80.6	80.8	80.8
GE 8000	54.1	55.8	60.5	62.6	68.7	73.2	75.7	74.4	74.4	78.1	79.4	80.5	81.3	81.4	81.5	81.5
GE 7000	54.1	55.8	60.5	62.6	68.7	73.2	75.7	74.4	74.4	78.1	79.4	80.5	81.3	81.4	81.5	81.5
GE 6000	54.4	56.1	61.1	63.1	69.4	73.9	76.3	78.1	80.4	81.2	81.8	81.9	82.0	82.0	82.2	82.2
GE 5000	55.1	56.8	61.7	63.8	70.0	74.5	77.0	78.7	81.1	81.3	82.5	82.6	82.7	82.7	82.8	82.8
GE 4500	55.1	56.8	61.9	64.0	70.3	74.8	77.3	79.0	81.4	82.2	82.8	82.9	83.0	83.0	83.1	83.1
GE 4000	56.8	58.5	64.0	66.1	72.6	77.3	79.8	81.5	83.9	84.6	85.3	85.4	85.5	85.5	85.6	85.6
GE 3500	57.7	59.5	65.1	67.3	73.9	78.6	81.1	82.8	85.2	85.9	86.6	86.7	86.8	86.8	86.9	86.9
GE 3000	59.3	61.5	67.2	69.7	76.8	81.6	84.1	85.9	88.5	89.0	89.7	89.8	89.9	89.9	90.0	90.0
GE 2500	60.4	62.2	68.1	70.8	77.8	82.9	85.7	87.4	89.8	90.6	91.3	91.4	91.5	91.5	91.6	91.6
GE 2000	61.1	62.8	68.8	71.5	78.9	84.2	87.0	88.7	91.5	92.2	92.8	92.9	93.0	93.0	93.1	93.1
GE 1800	61.1	62.8	68.8	71.5	79.0	84.6	87.4	89.1	91.7	92.6	93.3	93.4	93.5	93.5	93.7	93.7
GE 1500	61.1	62.8	68.8	71.5	79.8	85.6	88.5	90.4	93.0	93.9	94.6	94.7	94.8	94.8	94.9	94.9
GE 1200	61.1	62.8	68.8	71.5	79.8	85.7	88.6	90.5	93.2	94.1	95.1	95.2	95.3	95.3	95.4	95.4
GE 1000	61.1	62.8	68.8	71.5	79.9	85.9	88.9	91.0	93.8	94.7	96.0	96.1	96.2	96.2	96.3	96.3
GE 900	61.1	62.8	68.8	71.5	80.0	86.0	89.1	91.2	94.0	94.9	96.2	96.3	96.5	96.5	96.6	96.6
GE 800	61.1	62.8	68.8	71.5	80.0	86.0	89.1	91.3	94.1	95.1	96.3	96.5	96.6	96.6	96.7	96.7
GE 700	61.1	62.8	68.8	71.5	80.0	86.0	89.1	91.3	94.1	95.1	96.7	96.8	96.9	96.9	97.0	97.0
GE 600	61.1	62.8	68.9	71.6	80.1	86.1	89.2	91.5	94.4	95.6	97.2	97.3	97.5	97.5	97.6	97.6
GE 500	61.1	62.8	68.9	71.6	80.1	86.1	89.2	91.5	94.6	96.0	97.8	98.0	98.2	98.3	98.4	98.4
GE 400	61.1	62.8	68.9	71.6	80.1	86.1	89.2	91.5	94.6	96.1	98.0	98.2	98.4	98.6	98.7	98.7
GE 300	61.1	62.8	68.9	71.6	80.1	86.1	89.2	91.5	94.6	96.1	98.0	98.2	98.5	98.9	99.0	99.0
GE 200	61.1	62.8	68.9	71.6	80.1	86.1	89.2	91.5	94.6	96.1	98.0	98.2	98.5	98.9	99.2	99.7
GE 100	61.1	62.8	68.9	71.6	80.1	86.1	89.2	91.5	94.6	96.1	98.0	98.2	98.5	98.9	99.2	100.0
GE 000	61.1	62.8	68.9	71.6	80.1	86.1	89.2	91.5	94.6	96.1	98.0	98.2	98.5	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 5

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 3/4	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.5	49.5	54.0	57.2	63.9	67.1	71.5	75.2	74.7	76.0	76.3	76.3	76.3	76.3	76.3	76.3
GE 20000	52.9	55.2	60.6	63.7	71.0	74.5	79.0	81.0	82.4	83.8	84.1	84.1	84.1	84.1	84.1	84.1
GE 18000	53.4	55.7	61.3	64.3	71.6	75.2	79.7	81.6	83.0	84.4	84.7	84.7	84.7	84.7	84.7	84.7
GE 16000	53.5	55.8	61.4	64.4	71.7	75.3	79.8	81.7	83.1	84.5	84.8	84.8	84.8	84.8	84.8	84.8
GE 14000	54.0	56.2	61.8	64.9	72.6	76.2	80.8	82.7	84.1	85.5	85.8	85.8	85.8	85.8	85.8	85.8
GE 12000	54.8	57.1	62.9	66.0	73.7	77.3	81.8	83.8	85.2	86.6	86.9	86.9	86.9	86.9	86.9	86.9
GE 10000	55.5	57.7	63.7	66.8	74.4	78.1	82.6	84.5	85.9	87.3	87.6	87.6	87.6	87.6	87.6	87.6
GE 9000	55.7	58.0	63.9	67.0	74.6	78.3	82.8	84.7	86.1	87.5	87.8	87.8	87.8	87.8	87.8	87.8
GE 8000	56.1	58.4	64.3	67.4	75.1	78.7	83.3	85.3	86.8	88.2	88.5	88.5	88.5	88.5	88.5	88.5
GE 7000	56.1	58.4	64.3	67.4	75.1	78.7	83.3	85.3	86.8	88.2	88.5	88.5	88.5	88.5	88.5	88.5
GE 6000	57.0	59.2	65.2	68.3	75.9	79.6	84.2	86.1	87.6	89.0	89.4	89.4	89.4	89.4	89.4	89.4
GE 5000	57.8	60.1	66.0	69.1	77.1	80.8	85.4	87.3	88.8	90.2	90.5	90.5	90.5	90.5	90.5	90.5
GE 4500	58.1	60.3	66.5	69.7	77.7	81.4	86.0	88.0	89.5	90.9	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	61.1	63.4	69.4	73.2	81.3	85.3	89.9	91.8	93.3	94.7	95.1	95.1	95.1	95.1	95.1	95.1
GE 3500	61.7	64.1	71.0	74.3	82.5	86.6	91.2	93.1	94.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3
GE 3000	62.4	64.7	71.9	75.5	84.2	88.3	92.9	94.8	96.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	62.7	65.1	72.3	75.8	84.6	88.7	93.4	95.4	96.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	63.3	65.7	72.9	76.5	85.5	89.6	94.3	96.5	98.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	63.3	65.7	72.9	76.5	85.5	89.6	94.3	96.5	98.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	63.3	65.7	72.9	76.5	85.6	89.7	94.4	96.6	98.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 50	63.3	65.7	72.9	76.5	85.7	89.8	94.5	96.7	98.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 15-17

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.7	44.8	49.6	53.5	60.8	65.5	70.9	74.4	76.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 20000	46.8	48.9	54.1	58.4	66.2	71.9	77.5	81.2	82.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 18000	47.2	49.4	54.9	59.6	67.5	73.2	78.8	82.5	84.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 16000	47.3	49.5	55.1	59.7	67.6	73.3	78.9	82.6	84.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 14000	48.1	50.2	55.9	60.8	69.4	75.1	80.9	84.5	86.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 12000	48.7	50.9	57.2	62.2	71.3	77.2	83.0	86.7	88.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 10000	48.7	50.9	57.2	62.2	71.3	77.3	83.1	86.8	88.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 9000	48.7	50.9	57.2	62.2	71.3	77.3	83.1	86.8	88.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 8000	49.4	51.5	58.0	62.9	72.0	78.1	83.9	87.5	89.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 7000	49.4	51.5	58.0	62.9	72.0	78.2	84.0	87.6	89.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 6000	50.6	52.8	59.2	64.2	73.4	79.7	85.5	89.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000	51.7	53.9	60.3	65.3	74.6	81.0	86.8	90.4	92.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4500	52.4	54.5	61.1	66.0	75.6	81.9	87.7	91.4	93.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4000	54.9	57.1	63.7	68.6	78.4	84.7	90.5	94.2	96.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4
GE 3500	55.5	57.6	64.2	69.2	79.0	85.4	91.2	94.8	96.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1
GE 3000	55.9	58.1	64.6	69.9	80.0	86.3	92.2	95.8	97.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0
GE 2500	56.0	58.2	64.7	70.0	80.1	86.5	92.6	96.2	98.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
GE 2000	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 1800	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 1500	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 1200	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 1000	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 900	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 800	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 700	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 600	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 500	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	56.6	58.7	65.3	70.5	80.6	87.0	93.1	96.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARSH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.9	55.1	59.0	63.4	69.6	73.3	75.7	78.2	78.7	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 20000	52.4	55.8	62.4	67.2	74.2	78.0	80.3	82.8	83.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 18000	52.5	55.9	62.7	67.6	75.1	78.8	81.2	83.7	84.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 16000	52.6	56.0	62.8	67.7	75.2	78.9	81.3	83.8	84.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 14000	53.3	56.8	63.7	68.7	76.3	80.3	83.1	85.6	86.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 12000	54.9	58.4	65.3	70.3	79.5	83.4	86.2	88.7	89.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 10000	55.7	59.1	66.0	71.1	80.2	84.2	87.0	89.5	90.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 9000	55.8	59.2	66.1	71.2	80.3	84.3	87.1	89.6	90.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 8000	56.1	59.6	66.5	71.5	80.6	84.6	87.5	90.0	90.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 7000	56.5	59.9	66.8	71.8	81.0	84.9	87.8	90.3	90.9	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 6000	57.1	60.5	67.5	72.6	81.7	85.9	88.8	91.3	91.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 5000	58.0	61.4	68.4	73.4	82.6	86.8	89.7	92.2	92.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 4500	58.4	61.8	68.8	73.9	83.0	87.4	90.3	92.8	93.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000	60.0	63.4	70.4	75.5	84.8	89.2	92.2	94.6	95.2	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	61.1	64.5	71.5	76.6	85.9	90.4	93.3	95.8	96.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 3000	61.5	64.9	71.9	77.2	87.3	91.9	94.8	97.3	97.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	61.8	65.3	72.3	77.5	87.6	92.3	95.2	97.6	98.2	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	62.3	65.7	72.7	78.0	88.1	92.7	95.6	98.1	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	62.3	65.7	72.7	78.0	88.1	92.7	95.6	98.1	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	62.4	65.8	72.8	78.1	88.2	92.8	95.7	98.2	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	62.4	65.8	72.8	78.1	88.2	92.8	95.7	98.2	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	62.4	65.8	72.8	78.1	88.2	92.8	95.7	98.2	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	62.4	65.8	72.8	78.1	88.2	92.8	95.7	98.2	98.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	62.4	65.8	72.9	78.2	88.3	92.9	95.8	98.3	98.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	62.4	65.8	72.9	78.2	88.3	92.9	95.8	98.3	98.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	62.4	65.8	73.0	78.3	88.4	93.0	95.9	98.4	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	62.4	65.8	73.0	78.3	88.4	93.0	95.9	98.4	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	62.4	65.8	73.0	78.3	88.4	93.0	95.9	98.4	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.4	65.8	73.0	78.3	88.4	93.0	95.9	98.4	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.4	65.8	73.0	78.3	88.4	93.0	95.9	98.4	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.4	65.8	73.0	78.3	88.4	93.0	95.9	98.4	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	62.4	65.8	73.0	78.3	88.4	93.0	95.9	98.4	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.1	49.4	54.7	59.0	67.4	71.1	73.8	75.2	75.4	76.6	77.2	77.2	77.6	77.6	77.6	77.6
GE 20000	49.4	51.6	57.7	62.3	71.3	74.9	77.7	79.2	79.5	81.0	81.6	81.6	82.0	82.0	82.0	82.0
GE 18000	49.9	52.2	58.5	63.1	72.2	75.8	78.6	80.1	80.3	81.8	82.5	82.5	82.9	82.9	82.9	82.9
GE 16000	49.9	52.2	58.5	63.1	72.2	75.8	78.6	80.1	80.3	81.8	82.5	82.5	82.9	82.9	82.9	82.9
GE 14000	50.5	52.9	59.1	63.8	72.8	76.5	79.7	81.2	81.4	82.9	83.5	83.5	84.0	84.0	84.0	84.0
GE 12000	51.5	53.9	60.2	65.2	74.6	78.4	81.7	83.2	83.4	85.1	85.7	85.7	86.1	86.1	86.1	86.1
GE 10000	52.6	54.9	61.5	66.6	76.1	79.9	83.2	84.7	84.9	86.6	87.2	87.2	87.6	87.6	87.6	87.6
GE 9000	52.6	54.9	61.5	66.6	76.1	79.9	83.2	84.7	84.9	86.6	87.2	87.2	87.6	87.6	87.6	87.6
GE 8000	53.3	55.7	62.3	67.3	76.9	80.6	84.0	85.5	85.7	87.3	88.0	88.0	88.4	88.4	88.4	88.4
GE 7000	53.4	55.8	62.4	67.4	77.0	80.8	84.1	85.6	85.8	87.4	88.1	88.1	88.5	88.5	88.5	88.5
GE 6000	54.2	56.6	63.1	68.2	77.7	81.5	84.8	86.3	86.6	88.2	88.8	88.8	89.2	89.2	89.2	89.2
GE 5000	55.2	57.5	64.1	69.1	78.7	82.5	85.8	87.3	87.5	89.1	89.8	89.8	90.2	90.2	90.2	90.2
GE 4500	55.9	58.3	64.8	69.9	79.5	83.3	86.7	88.2	88.4	90.0	90.6	90.6	91.1	91.1	91.1	91.1
GE 4000	56.8	59.1	65.7	70.8	80.5	84.4	87.7	89.2	89.5	91.1	91.7	91.7	92.2	92.2	92.2	92.2
GE 3500	57.1	59.5	66.1	71.2	81.1	84.9	88.3	89.8	90.0	91.6	92.3	92.3	92.7	92.7	92.7	92.7
GE 3000	57.5	59.9	66.6	71.8	82.7	86.7	90.1	91.6	91.8	93.4	94.1	94.1	94.5	94.5	94.5	94.5
GE 2500	57.5	60.1	66.9	72.3	83.3	87.3	90.8	92.3	92.5	94.1	94.7	94.7	95.2	95.2	95.2	95.2
GE 2000	57.5	60.1	67.0	72.4	83.8	87.7	91.3	92.9	93.1	94.7	95.4	95.4	95.8	95.8	95.8	95.8
GE 1800	57.5	60.1	67.0	72.4	83.8	87.7	91.3	92.9	93.1	94.7	95.4	95.4	95.8	95.8	95.8	95.8
GE 1500	57.6	60.2	67.5	72.9	84.6	88.7	92.3	94.1	94.3	95.9	96.6	96.6	97.0	97.0	97.0	97.0
GE 1200	57.6	60.2	67.6	73.2	85.4	89.6	93.1	95.1	95.4	97.0	97.7	97.7	98.2	98.2	98.2	98.2
GE 1000	57.6	60.2	67.6	73.2	85.5	89.8	93.3	95.3	95.6	97.2	98.0	98.0	98.4	98.4	98.4	98.4
GE 900	57.6	60.2	67.6	73.2	85.5	89.9	93.5	95.5	95.8	97.5	98.3	98.3	98.7	98.7	98.7	98.7
GE 800	57.8	60.4	67.8	73.4	85.8	90.2	94.0	95.9	96.2	98.0	98.7	98.7	99.1	99.1	99.1	99.1
GE 700	57.8	60.4	67.8	73.5	85.9	90.3	94.1	96.0	96.3	98.1	98.8	98.8	99.2	99.2	99.2	99.2
GE 600	57.8	60.4	67.8	73.8	86.1	90.5	94.3	96.2	96.6	98.3	99.0	99.0	99.5	99.5	99.5	99.5
GE 500	57.8	60.4	67.8	73.8	86.1	90.5	94.3	96.2	96.6	98.3	99.0	99.0	99.5	99.5	99.5	99.5
GE 400	57.8	60.4	67.8	73.8	86.1	90.5	94.3	96.2	96.6	98.3	99.0	99.0	99.5	99.5	99.5	99.5
GE 300	57.8	60.4	67.8	73.8	86.1	90.5	94.3	96.2	96.6	98.3	99.0	99.0	99.5	99.5	99.5	99.5
GE 200	57.8	60.4	67.8	73.8	86.1	90.5	94.3	96.2	96.6	98.3	99.0	99.0	99.5	99.5	99.5	99.5
GE 100	57.8	60.4	67.8	73.8	86.1	90.5	94.3	96.2	96.6	98.3	99.0	99.0	99.5	99.5	99.5	99.5
GE 000	57.8	60.4	67.8	73.8	86.1	90.5	94.3	96.2	96.6	98.3	99.0	99.0	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS: 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	45.4	49.9	52.6	58.4	61.5	64.9	66.9	68.2	69.7	70.5	70.6	71.2	71.3	71.5	71.9
GE 20000	46.6	48.6	53.4	56.4	62.6	65.9	69.4	71.6	72.9	74.6	75.4	75.6	76.2	76.3	76.5	76.9
GE 18000	46.9	48.9	53.9	56.9	63.2	66.5	70.1	72.3	73.6	75.3	76.1	76.3	76.9	77.0	77.2	77.6
GE 16000	47.0	49.0	53.9	57.0	63.3	66.6	70.2	72.4	73.7	75.3	76.2	76.4	76.9	77.0	77.3	77.7
GE 14000	47.7	49.7	54.7	57.8	64.3	67.7	71.4	73.6	74.9	76.6	77.5	77.6	78.2	78.3	78.5	78.9
GE 12000	48.4	50.4	55.6	58.7	65.7	69.1	72.9	75.1	76.5	78.1	79.0	79.1	79.7	79.8	80.1	80.5
GE 10000	49.2	51.2	56.4	59.6	66.6	70.1	73.8	76.1	77.4	79.1	79.9	80.1	80.7	80.8	81.0	81.5
GE 9000	49.3	51.3	56.6	59.8	66.7	70.2	74.0	76.2	77.6	79.2	80.1	80.2	80.8	80.9	81.2	81.6
GE 8000	49.9	51.9	57.2	60.3	67.3	70.8	74.6	76.8	78.2	79.9	80.8	80.9	81.5	81.6	81.8	82.3
GE 7000	50.0	52.0	57.2	60.4	67.4	70.9	74.7	76.9	78.3	80.0	80.9	81.0	81.6	81.7	81.9	82.4
GE 6000	50.6	52.6	57.9	61.1	68.1	71.7	75.5	77.7	79.1	80.8	81.7	81.8	82.4	82.5	82.7	83.2
GE 5000	51.3	53.3	58.7	61.9	69.0	72.6	76.4	78.7	80.1	81.7	82.6	82.7	83.3	83.4	83.7	84.1
GE 4500	51.7	53.7	59.1	62.3	69.5	73.1	76.9	79.2	80.6	82.2	83.1	83.3	83.9	84.0	84.2	84.7
GE 4000	53.3	55.3	60.9	64.1	71.4	75.1	78.9	81.2	82.6	84.2	85.1	85.2	85.9	86.0	86.2	86.6
GE 3500	53.9	55.9	61.6	64.8	72.2	75.8	79.7	81.9	83.3	85.0	85.9	86.0	86.7	86.7	87.0	87.4
GE 3000	54.7	56.8	62.6	66.0	74.0	77.7	81.7	83.9	85.3	87.0	87.9	88.0	88.7	88.8	89.0	89.4
GE 2500	55.1	57.2	63.0	66.5	74.7	78.4	82.6	84.8	86.2	87.9	88.8	88.9	89.6	89.7	89.9	90.3
GE 2000	55.5	57.6	63.5	67.2	75.6	79.5	83.6	85.9	87.4	89.1	90.0	90.1	90.8	90.9	91.1	91.6
GE 1800	55.5	57.6	63.6	67.3	75.8	79.7	83.9	86.2	87.7	89.4	90.3	90.4	91.1	91.2	91.4	91.9
GE 1500	55.7	57.8	63.9	67.6	76.3	80.4	84.7	87.0	88.6	90.3	91.2	91.4	92.0	92.1	92.4	92.8
GE 1200	55.7	57.8	64.0	67.7	76.6	80.7	85.0	87.3	89.2	90.8	91.8	92.0	92.6	92.7	92.9	93.4
GE 1000	55.7	57.8	64.0	67.8	77.0	81.1	85.4	87.7	89.8	91.5	92.6	92.7	93.4	93.5	93.7	94.2
GE 900	55.8	57.9	64.1	67.9	77.1	81.2	85.5	87.8	90.0	92.0	93.0	93.2	93.8	93.9	94.1	94.6
GE 800	55.8	57.9	64.1	67.9	77.3	81.3	85.7	88.0	90.2	92.4	93.5	93.7	94.4	94.4	94.7	95.1
GE 700	55.8	57.9	64.1	68.0	77.3	81.6	86.0	88.3	90.5	92.7	93.8	94.0	94.6	94.7	95.0	95.4
GE 600	55.8	57.9	64.1	68.0	77.4	81.6	86.0	88.3	90.5	92.8	94.2	94.3	95.0	95.1	95.4	95.9
GE 500	55.8	57.9	64.1	68.1	77.4	81.7	86.1	88.4	90.6	92.9	94.6	94.7	95.5	95.6	95.9	96.4
GE 400	55.8	57.9	64.1	68.1	77.5	81.8	86.1	88.5	90.7	93.0	94.9	95.1	95.9	96.0	96.4	96.9
GE 300	55.8	57.9	64.1	68.1	77.5	81.8	86.6	89.0	91.7	93.9	95.1	95.4	96.3	96.5	96.9	97.3
GE 200	55.8	57.9	64.1	68.1	77.5	81.8	86.6	89.7	91.8	93.9	95.2	95.4	96.6	96.8	97.5	99.2
GE 100	55.8	57.9	64.1	68.1	77.5	81.8	86.6	89.7	91.8	93.9	95.2	95.4	96.6	96.8	97.5	99.2

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.3	49.9	53.2	54.9	59.3	60.1	62.9	64.1	64.8	66.0	67.7	67.8	69.2	69.2	69.6	70.0
GE 20000	51.4	52.3	55.7	57.3	62.0	62.9	66.3	67.6	68.3	69.7	71.3	71.4	72.9	72.9	73.3	73.8
GE 18000	52.2	53.1	56.4	58.1	62.8	63.7	67.1	68.3	69.1	70.4	72.1	72.2	73.7	73.7	74.1	74.6
GE 16000	52.6	53.4	56.8	58.4	63.1	64.0	67.4	68.7	69.4	70.8	72.4	72.6	74.0	74.0	74.4	74.9
GE 14000	53.3	54.2	57.6	59.2	63.9	64.8	68.2	69.4	70.2	71.6	73.2	73.3	74.8	74.8	75.2	75.7
GE 12000	53.8	54.8	58.1	59.8	64.7	65.6	69.0	70.2	71.0	72.3	74.0	74.1	75.6	75.6	76.0	76.4
GE 10000	54.4	55.4	59.2	60.9	65.8	66.7	70.1	71.3	72.4	73.8	75.4	75.6	77.0	77.0	77.4	77.9
GE 9000	54.6	55.6	59.3	61.0	65.9	66.8	70.2	71.4	72.6	73.9	75.6	75.7	77.1	77.1	77.6	78.0
GE 8000	55.1	56.1	59.9	61.6	66.4	67.3	70.8	72.0	73.1	74.4	76.1	76.2	77.7	77.7	78.1	78.6
GE 7000	55.7	56.9	60.7	62.3	67.2	68.1	71.6	72.8	73.9	75.2	76.9	77.0	78.4	78.4	78.9	79.3
GE 6000	55.8	57.0	60.8	62.4	67.3	68.2	71.8	73.0	74.1	75.4	77.1	77.2	78.7	78.7	79.1	79.6
GE 5000	56.4	57.7	61.6	63.2	68.1	69.0	72.6	73.8	74.9	76.2	77.9	78.0	79.4	79.4	79.9	80.3
GE 4500	56.8	58.1	62.0	63.7	68.7	69.6	73.1	74.3	75.4	76.8	78.4	78.6	80.0	80.0	80.4	80.9
GE 4000	57.4	58.8	62.8	64.4	69.4	70.6	74.1	75.4	76.6	77.9	79.6	79.7	81.1	81.1	81.6	82.0
GE 3500	58.1	59.6	63.7	65.7	70.8	71.9	75.7	77.0	78.1	79.4	81.1	81.2	82.7	82.7	83.1	83.6
GE 3000	60.1	61.6	65.9	68.0	73.6	74.8	78.6	79.9	81.0	82.3	84.0	84.1	85.6	85.6	86.0	86.4
GE 2500	60.8	62.4	66.9	69.2	74.8	76.0	79.9	81.2	82.3	83.7	85.3	85.4	86.9	86.9	87.3	87.8
GE 2000	61.0	62.7	67.2	69.7	75.6	76.8	80.7	82.0	83.1	84.4	86.1	86.2	87.7	87.7	88.1	88.6
GE 1800	61.0	62.7	67.2	69.7	75.6	76.8	80.7	82.0	83.1	84.4	86.1	86.2	87.7	87.7	88.1	88.6
GE 1500	61.8	63.4	68.0	70.4	76.4	77.6	81.5	82.8	83.9	85.2	86.9	87.0	88.5	88.5	89.0	89.5
GE 1200	61.9	63.6	68.1	70.5	76.5	77.7	81.6	82.9	84.0	85.3	87.0	87.1	88.6	88.6	89.1	89.6
GE 1000	62.2	63.9	68.4	70.9	76.9	78.1	82.0	83.3	84.4	85.7	87.4	87.5	89.0	89.0	89.5	90.0
GE 900	62.2	63.9	68.6	71.0	77.1	78.3	82.2	83.5	84.6	85.9	87.6	87.7	89.2	89.2	89.7	90.2
GE 800	62.4	64.1	68.9	71.4	77.5	78.7	82.6	83.9	85.0	86.3	88.0	88.1	89.6	89.6	90.1	90.6
GE 700	62.6	64.2	69.1	71.7	77.8	79.0	82.9	84.2	85.3	86.6	88.3	88.4	89.9	89.9	90.4	90.9
GE 600	62.6	64.2	69.1	71.7	77.8	79.0	82.9	84.2	85.3	86.6	88.3	88.4	89.9	89.9	90.4	90.9
GE 500	62.6	64.2	69.2	71.8	77.9	79.1	83.0	84.3	85.4	86.7	88.4	88.5	90.0	90.0	90.5	91.0
GE 400	62.6	64.2	69.2	71.8	77.9	79.1	83.0	84.3	85.4	86.7	88.4	88.5	90.0	90.0	90.5	91.0
GE 300	62.6	64.2	69.2	71.8	77.9	79.1	83.0	84.3	85.4	86.7	88.4	88.5	90.0	90.0	90.5	91.0
GE 200	62.6	64.2	69.2	71.8	77.9	79.1	83.0	84.3	85.4	86.7	88.4	88.5	90.0	90.0	90.5	91.0
GE 100	62.6	64.2	69.2	71.8	77.9	79.1	83.0	84.3	85.4	86.7	88.4	88.5	90.0	90.0	90.5	91.0
GE 000	62.6	64.2	69.2	71.8	77.9	79.1	83.0	84.3	85.4	86.7	88.4	88.5	90.0	90.0	90.5	91.0

TOTAL NUMBER OF OBSERVATIONS 900

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	50.1	52.3	53.2	56.4	58.0	59.9	62.1	62.3	62.7	63.2	63.2	64.4	64.4	65.4	66.4
GE 20000	50.2	51.8	54.0	54.9	58.1	59.7	61.6	63.8	64.0	64.3	64.9	64.9	66.1	66.1	67.1	68.1
GE 18000	50.6	52.1	54.3	55.2	58.4	60.0	61.9	64.1	64.3	64.7	65.3	65.3	66.7	66.7	67.7	68.7
GE 16000	50.8	52.3	54.6	55.4	58.7	60.2	62.1	64.3	64.6	64.9	65.6	65.6	66.9	66.9	67.9	68.9
GE 14000	51.4	53.0	55.2	56.1	59.3	60.9	62.9	65.1	65.3	65.7	66.3	66.3	67.7	67.7	68.7	69.8
GE 12000	52.0	54.2	56.4	57.3	60.6	62.1	64.1	66.3	66.6	66.9	67.6	67.6	68.9	68.9	69.9	71.0
GE 10000	52.9	54.6	57.2	58.1	61.3	62.9	64.9	67.1	67.4	67.8	68.4	68.4	69.8	69.8	70.8	71.9
GE 9000	53.1	54.8	57.4	58.3	61.6	63.1	65.1	67.3	67.7	68.0	68.7	68.7	70.0	70.0	71.0	72.1
GE 8000	53.3	55.1	57.8	58.7	61.9	63.4	65.4	67.7	68.0	68.3	69.0	69.0	70.4	70.6	71.6	72.8
GE 7000	53.8	55.6	58.3	59.1	62.5	64.0	65.9	68.1	68.4	68.8	69.4	69.4	70.9	71.0	72.0	73.2
GE 6000	54.0	55.8	58.6	59.4	62.8	64.3	66.2	68.4	68.8	69.1	69.8	69.8	71.2	71.3	72.3	73.6
GE 5000	54.9	56.7	59.4	60.3	63.6	65.1	67.1	69.3	69.7	70.0	70.7	70.7	72.1	72.2	73.2	74.4
GE 4500	55.1	56.9	59.7	60.6	63.9	65.4	67.4	69.6	69.9	70.2	70.9	70.9	72.3	72.4	73.4	74.7
GE 4000	55.4	57.2	60.1	61.1	64.5	66.0	68.0	70.1	70.4	70.8	71.4	71.4	73.0	73.1	74.2	75.4
GE 3500	55.9	57.7	60.8	61.9	65.2	66.8	68.8	71.0	71.3	71.7	72.3	72.3	73.9	74.0	75.1	76.3
GE 3000	56.4	58.2	61.8	63.2	66.7	68.6	70.7	72.9	73.2	73.6	74.2	74.2	75.8	75.9	77.0	78.2
GE 2500	57.4	59.2	63.0	64.6	68.1	70.1	72.2	74.4	74.8	75.1	75.8	75.8	77.3	77.4	78.6	79.8
GE 2000	57.6	59.3	63.3	65.1	69.2	71.3	73.4	75.7	76.2	76.6	77.2	77.2	78.8	78.9	80.0	81.2
GE 1800	57.8	59.6	63.6	65.3	69.6	71.7	73.8	76.0	76.7	77.0	77.7	77.7	79.2	79.3	80.4	81.7
GE 1500	58.2	60.4	64.4	66.3	70.7	72.8	75.2	77.7	78.6	79.1	79.8	79.8	81.3	81.4	82.6	83.9
GE 1200	59.4	61.2	65.3	67.2	71.6	73.7	76.2	78.7	79.6	80.3	81.1	81.1	82.7	82.8	83.9	85.2
GE 1000	59.4	61.2	65.4	67.4	71.9	74.0	76.7	79.3	80.2	81.6	82.6	82.6	84.3	84.6	85.7	87.0
GE 900	59.4	61.2	65.4	67.4	71.9	74.0	76.9	79.8	80.7	82.4	83.6	83.6	85.3	85.6	86.7	88.0
GE 800	59.4	61.2	65.4	67.4	72.0	74.4	77.3	80.4	81.6	83.4	84.7	84.7	86.4	86.7	87.8	89.1
GE 700	59.4	61.2	65.4	67.4	72.2	74.7	77.7	80.8	81.9	83.9	85.2	85.2	87.0	87.2	88.3	89.7
GE 600	59.4	61.2	65.4	67.4	72.3	74.8	78.0	81.1	82.3	84.6	85.9	85.9	87.8	88.0	89.1	90.4
GE 500	59.9	61.7	65.9	67.9	72.8	75.3	78.6	81.9	83.2	85.6	87.1	87.1	89.0	89.2	90.3	92.0
GE 400	60.0	61.8	66.2	68.2	73.1	75.8	79.0	82.4	83.8	86.1	87.8	87.8	89.7	89.9	91.0	92.8
GE 300	60.0	61.8	66.2	68.2	73.1	75.8	79.0	82.4	83.8	86.3	88.0	88.0	90.0	90.2	91.7	93.7
GE 200	60.0	61.8	66.2	68.2	73.1	75.8	79.0	82.4	83.8	86.3	88.0	88.0	90.0	90.3	92.1	95.4
GE 100	60.0	61.8	66.2	68.2	73.1	75.8	79.0	82.4	83.9	86.4	88.1	88.1	90.2	90.6	92.4	97.9
GE 000	60.0	61.8	66.2	68.2	73.1	75.8	79.0	82.4	83.9	86.4	88.1	88.1	90.2	90.6	92.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB LA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	48.6	49.9	50.4	52.6	53.6	54.3	55.6	56.4	57.3	57.9	58.2	58.8	59.0	59.8	61.8
GE 20000	51.7	52.0	53.8	54.6	56.8	57.9	58.9	60.3	61.6	62.4	63.1	63.4	64.0	64.2	65.0	67.0
GE 18000	51.8	52.1	53.9	54.7	56.9	58.0	59.0	60.6	61.8	62.7	63.3	63.7	64.3	64.6	65.3	67.3
GE 16000	51.9	52.2	54.0	54.8	57.0	58.1	59.1	60.7	61.9	62.8	63.4	63.8	64.4	64.7	65.4	67.4
GE 14000	52.9	53.4	55.2	56.0	58.2	59.3	60.3	62.0	63.4	64.2	65.2	65.6	66.2	66.4	67.2	69.2
GE 12000	54.1	54.7	56.2	57.3	60.1	61.2	62.2	63.9	65.3	66.4	67.1	67.4	68.1	68.3	69.1	71.1
GE 10000	54.6	55.1	57.0	57.8	60.7	62.0	63.0	64.3	66.1	67.3	68.0	68.3	69.0	69.2	70.0	72.0
GE 9000	54.9	55.4	57.3	58.1	61.0	62.3	63.3	64.7	66.5	67.7	68.3	68.7	69.3	69.6	70.3	72.3
GE 8000	55.2	55.8	57.7	58.4	61.3	62.7	63.7	65.4	66.9	68.0	68.7	69.0	69.7	69.9	70.7	72.8
GE 7000	55.4	56.0	57.9	58.7	61.6	62.9	63.9	65.7	67.1	68.2	68.9	69.2	69.9	70.1	70.9	73.0
GE 6000	55.4	56.0	57.9	58.7	61.6	62.9	63.9	65.7	67.1	68.2	68.9	69.2	69.9	70.1	70.9	73.0
GE 5000	55.8	56.3	58.2	59.0	62.0	63.3	64.3	66.1	67.6	68.7	69.3	69.7	70.3	70.6	71.3	73.4
GE 4500	56.1	56.7	58.6	59.3	62.3	63.7	64.7	66.4	67.9	69.0	69.7	70.0	70.7	70.9	71.7	73.8
GE 4000	56.9	57.4	59.3	60.1	63.1	64.4	65.4	67.2	68.7	69.8	70.4	70.8	71.6	71.8	72.6	74.7
GE 3500	57.6	58.1	60.0	60.9	64.0	65.4	66.4	68.2	69.7	70.8	71.4	71.8	72.6	72.8	73.6	75.7
GE 3000	58.4	59.0	61.2	62.2	65.3	67.1	68.1	70.1	71.7	72.8	73.4	73.8	74.7	74.9	75.7	77.8
GE 2500	59.2	59.9	62.3	63.4	66.7	68.6	69.7	71.7	73.3	74.6	75.2	75.6	76.4	76.7	77.6	79.7
GE 2000	59.7	60.3	63.0	64.3	67.6	69.9	71.1	73.3	75.2	76.7	77.4	77.8	78.7	78.9	79.8	81.9
GE 1800	59.9	60.6	63.2	64.6	67.8	70.1	71.3	73.6	75.4	76.9	77.8	78.1	79.0	79.2	80.1	82.2
GE 1500	60.6	61.2	64.0	65.6	68.8	71.3	72.9	75.3	77.3	78.9	79.8	80.1	81.2	81.4	82.6	84.7
GE 1200	60.8	61.4	64.3	65.9	69.3	71.9	73.4	75.4	78.1	79.7	80.7	81.0	82.1	82.4	83.6	85.7
GE 1000	61.1	61.8	64.7	66.2	69.7	72.2	73.6	76.6	78.8	80.8	81.9	82.2	83.3	83.7	84.8	86.9
GE 900	61.3	62.0	65.0	66.7	70.1	72.7	74.4	77.7	80.2	82.3	83.4	83.8	84.9	85.2	86.3	88.4
GE 800	61.3	62.0	65.0	66.8	70.3	72.9	74.7	78.2	80.9	83.2	84.3	84.7	85.9	86.2	87.3	89.4
GE 700	61.3	62.0	65.0	66.8	70.3	72.9	74.7	78.3	81.1	83.4	84.6	84.9	86.2	86.6	87.7	89.8
GE 600	61.3	62.0	65.0	66.8	70.4	73.0	74.9	78.8	81.6	84.1	85.3	85.8	87.1	87.4	88.6	90.7
GE 500	61.3	62.0	65.0	66.9	70.7	73.2	75.1	79.0	82.2	84.8	86.0	86.4	87.9	88.2	89.3	91.4
GE 400	61.3	62.0	65.0	66.9	70.9	73.4	75.3	79.2	82.6	85.2	86.6	87.0	88.4	88.8	90.0	92.1
GE 300	61.3	62.0	65.0	66.9	70.9	73.4	75.3	79.2	82.6	85.2	86.6	87.0	88.4	88.9	90.6	93.3
GE 200	61.3	62.0	65.0	66.9	70.9	73.4	75.4	79.3	82.7	85.3	87.0	87.4	89.0	89.6	91.7	97.0
GE 100	61.3	62.0	65.0	66.9	70.9	73.4	75.4	79.3	82.7	85.3	87.0	87.4	89.0	89.6	91.7	99.4
GE 000	61.3	62.0	65.0	66.9	70.9	73.4	75.4	79.3	82.7	85.3	87.0	87.4	89.0	89.6	91.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAF ETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 3

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	54.7	55.6	58.1	58.6	61.9	63.7	65.0	69.2	66.6	67.1	67.6	67.7	67.9	67.9	67.9	68.1
GE 20000	58.7	59.6	62.8	63.4	67.0	69.2	70.0	71.4	72.2	72.8	73.3	73.4	73.7	73.7	73.7	73.9
GE 18000	59.0	59.9	63.2	63.9	67.4	69.7	71.0	71.9	72.7	73.2	73.8	73.9	74.1	74.1	74.1	74.3
GE 16000	59.0	59.9	63.2	63.9	67.4	69.7	71.0	71.9	72.7	73.2	73.8	73.9	74.1	74.1	74.1	74.3
GE 14000	60.8	61.7	65.1	66.0	69.7	72.0	73.6	74.7	75.6	76.3	76.9	77.0	77.2	77.2	77.2	77.4
GE 12000	61.8	62.9	66.6	67.4	71.1	73.8	75.3	76.4	77.3	78.1	78.7	78.8	79.0	79.0	79.0	79.2
GE 10000	63.4	64.6	68.3	69.2	72.9	75.0	77.3	78.4	79.3	80.1	80.7	80.8	81.0	81.0	81.0	81.2
GE 9000	63.7	64.8	68.6	69.4	73.1	76.0	77.6	78.7	79.6	80.3	80.9	81.0	81.2	81.2	81.2	81.4
GE 8000	63.8	64.9	68.8	69.7	73.3	76.2	77.8	78.9	79.8	80.6	81.1	81.2	81.4	81.4	81.4	81.7
GE 7000	63.8	64.9	68.8	69.7	73.3	76.2	77.8	78.9	79.8	80.6	81.1	81.2	81.4	81.4	81.4	81.7
GE 6000	64.6	65.7	69.7	70.6	74.2	77.2	78.8	79.9	80.8	81.6	82.1	82.2	82.4	82.4	82.4	82.7
GE 5000	64.9	66.0	70.0	70.9	74.6	77.6	79.1	80.2	81.1	81.9	82.4	82.5	82.8	82.8	82.8	83.0
GE 4500	65.1	66.2	70.3	71.2	74.9	77.9	79.4	80.7	81.6	82.3	82.9	83.0	83.2	83.2	83.2	83.4
GE 4000	66.8	67.9	72.1	73.0	76.7	79.7	81.2	82.4	83.4	84.2	84.8	84.9	85.1	85.1	85.1	85.3
GE 3500	68.2	69.6	74.1	75.0	78.9	82.0	83.6	84.8	85.8	86.6	87.1	87.2	87.4	87.4	87.4	87.7
GE 3000	69.1	70.4	75.1	76.1	80.4	83.6	85.3	86.6	87.7	88.4	89.0	89.1	89.3	89.3	89.3	89.6
GE 2500	69.9	71.2	75.9	77.0	81.3	84.6	86.3	87.7	88.9	89.7	90.2	90.3	90.6	90.6	90.6	90.8
GE 2000	70.7	72.0	76.8	78.0	82.7	86.2	88.0	89.3	90.6	91.3	91.9	92.0	92.2	92.2	92.2	92.4
GE 1800	70.9	72.3	77.1	78.3	83.0	86.6	88.3	89.7	90.9	91.7	92.2	92.3	92.6	92.6	92.6	92.8
GE 1500	71.1	72.6	77.4	78.7	83.3	87.1	89.0	90.3	91.6	92.6	93.1	93.2	93.4	93.4	93.4	93.7
GE 1200	71.3	72.8	77.8	79.0	83.8	88.0	90.1	91.6	93.0	94.1	94.8	94.9	95.1	95.1	95.1	95.3
GE 1000	71.4	72.9	77.9	79.2	84.0	88.3	90.9	92.4	94.2	95.4	96.1	96.2	96.4	96.4	96.4	96.7
GE 900	71.4	72.9	78.0	79.4	84.2	88.6	91.1	92.7	94.4	95.7	96.4	96.6	96.8	96.8	96.8	97.0
GE 800	71.4	72.9	78.0	79.4	84.2	88.7	91.2	92.8	94.6	95.8	96.7	96.8	97.0	97.0	97.0	97.2
GE 700	71.4	72.9	78.1	79.6	84.3	88.9	91.4	93.0	94.8	96.2	97.1	97.2	97.4	97.4	97.4	97.7
GE 600	71.4	72.9	78.1	79.6	84.3	88.9	91.4	93.2	95.0	96.4	97.3	97.4	97.7	97.7	97.7	97.9
GE 500	71.4	72.9	78.1	79.6	84.3	88.9	91.7	93.4	95.2	96.7	97.8	97.9	98.1	98.1	98.3	98.7
GE 400	71.4	72.9	78.1	79.6	84.3	88.9	91.7	93.4	95.2	96.8	97.9	98.0	98.3	98.3	98.7	99.1
GE 300	71.4	72.9	78.1	79.6	84.3	88.9	91.7	93.4	95.2	96.8	97.9	98.0	98.4	98.4	98.9	99.3
GE 200	71.4	72.9	78.1	79.6	84.3	88.9	91.7	93.4	95.2	96.8	97.9	98.0	98.4	98.4	99.0	99.6
GE 100	71.4	72.9	78.1	79.6	84.3	88.9	91.7	93.4	95.2	96.8	97.9	98.0	98.4	98.4	99.0	100.0
GE 500	71.4	72.9	78.1	79.6	84.3	88.9	91.7	93.4	95.2	96.8	97.9	98.0	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.7	59.4	61.4	62.3	65.8	68.1	69.3	69.8	70.0	70.3	70.3	70.6	70.6	70.6	70.7	70.7
GE 20000	63.3	64.2	66.7	67.8	71.9	74.2	75.4	75.9	76.1	76.7	76.7	76.9	76.9	76.9	77.0	77.0
GE 18000	64.7	65.6	68.0	69.1	73.2	75.7	76.9	77.4	77.7	78.2	78.2	78.4	78.4	78.4	78.6	78.6
GE 16000	64.7	65.6	68.0	69.1	73.2	75.7	76.9	77.4	77.7	78.2	78.2	78.4	78.4	78.4	78.6	78.6
GE 14000	66.0	66.9	69.6	71.0	75.8	78.3	79.7	80.3	80.6	81.1	81.1	81.3	81.3	81.3	81.4	81.4
GE 12000	66.9	68.1	70.8	72.3	77.2	79.9	81.2	81.9	82.3	82.9	82.9	83.1	83.1	83.1	83.2	83.2
GE 10000	67.7	68.9	71.7	73.3	78.2	81.0	82.3	83.0	83.4	84.0	84.0	84.2	84.2	84.2	84.3	84.3
GE 9000	67.8	69.1	71.9	73.6	78.4	81.2	82.6	83.2	83.7	84.2	84.2	84.4	84.4	84.4	84.6	84.6
GE 8000	68.7	70.1	73.0	74.7	79.6	82.3	83.7	84.3	84.8	85.3	85.3	85.6	85.6	85.6	85.7	85.7
GE 7000	68.7	70.1	73.0	74.7	79.6	82.3	83.7	84.3	84.8	85.3	85.3	85.6	85.6	85.6	85.7	85.7
GE 6000	69.4	70.9	73.8	75.4	80.4	83.2	84.6	85.2	85.7	86.2	86.2	86.4	86.4	86.4	86.6	86.6
GE 5000	69.8	71.2	74.1	75.8	80.8	83.6	84.9	85.6	86.0	86.6	86.6	86.8	86.8	86.8	86.9	86.9
GE 4500	70.0	71.4	74.6	76.3	81.3	84.1	85.4	86.1	86.6	87.1	87.1	87.3	87.3	87.3	87.4	87.4
GE 4000	72.6	74.0	77.1	78.9	84.0	86.8	88.2	88.9	89.3	89.9	89.9	90.1	90.1	90.1	90.2	90.2
GE 3500	74.3	75.8	79.0	80.8	86.2	89.0	90.6	91.2	91.7	92.2	92.2	92.4	92.4	92.4	92.6	92.6
GE 3000	75.9	77.6	81.2	83.2	88.9	91.7	93.2	93.9	94.3	94.9	94.9	95.1	95.1	95.1	95.2	95.2
GE 2500	76.8	78.4	82.1	84.2	89.9	92.9	94.4	95.1	95.6	96.1	96.1	96.3	96.3	96.3	96.4	96.4
GE 2000	76.9	78.6	82.3	84.6	90.2	93.4	95.2	96.0	96.4	97.0	97.0	97.2	97.2	97.2	97.3	97.3
GE 1800	76.9	78.6	82.3	84.7	90.4	93.7	95.6	96.3	96.8	97.3	97.3	97.6	97.6	97.6	97.7	97.7
GE 1500	77.3	79.0	82.8	85.1	91.1	94.4	96.3	97.1	97.8	98.3	98.3	98.6	98.6	98.6	98.7	98.7
GE 1200	77.4	79.1	82.9	85.2	91.2	94.6	96.4	97.2	97.9	98.4	98.4	98.7	98.7	98.7	98.8	98.8
GE 1000	77.8	79.4	83.2	85.6	91.6	94.9	96.8	97.6	98.2	98.8	98.8	99.0	99.0	99.0	99.1	99.1
GE 900	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.7	98.3	98.9	98.9	99.1	99.1	99.1	99.2	99.2
GE 800	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.8	98.7	99.2	99.2	99.4	99.4	99.4	99.6	99.6
GE 700	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.7	99.7	99.8	99.8
GE 600	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.7	99.7	99.8	99.8
GE 500	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.7	99.7	99.9	99.9
GE 400	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.7	99.7	99.9	100.0
GE 300	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.7	99.7	99.9	100.0
GE 200	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.7	99.7	99.9	100.0
GE 100	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.7	99.7	99.9	100.0
GE 000	77.8	79.4	83.2	85.7	91.7	95.0	96.9	97.8	98.8	99.4	99.4	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.8	55.4	58.6	61.1	65.6	68.1	71.0	71.8	72.6	72.9	72.9	72.9	73.2	73.2	73.2	73.2
GE 20000	58.1	60.0	63.4	66.0	71.4	74.2	77.1	77.9	78.7	79.2	79.2	79.2	79.6	79.6	79.6	79.6
GE 18000	58.8	60.7	64.2	66.8	72.2	75.0	77.9	78.7	79.6	80.1	80.1	80.1	80.4	80.4	80.4	80.4
GE 16000	58.8	60.7	64.2	66.8	72.2	75.0	77.9	78.7	79.6	80.1	80.1	80.1	80.4	80.4	80.4	80.4
GE 14000	60.0	62.0	65.6	68.1	73.8	76.9	80.1	80.9	81.8	82.3	82.3	82.3	82.7	82.7	82.7	82.7
GE 12000	61.0	63.1	66.7	69.4	75.1	78.2	81.4	82.2	83.2	83.8	83.8	83.8	84.1	84.1	84.1	84.1
GE 10000	61.9	64.0	67.8	70.7	76.7	79.8	83.1	83.9	85.0	85.6	85.6	85.6	85.9	85.9	85.9	85.9
GE 9000	62.4	64.6	68.3	71.2	77.4	80.6	83.9	84.7	85.8	86.3	86.3	86.3	86.7	86.7	86.7	86.7
GE 8000	62.9	65.0	68.8	71.9	78.3	81.4	84.8	85.6	86.7	87.2	87.2	87.2	87.6	87.6	87.6	87.6
GE 7000	63.0	65.1	68.9	72.0	78.4	81.6	84.9	85.7	86.8	87.3	87.3	87.3	87.7	87.7	87.7	87.7
GE 6000	63.6	65.8	69.6	72.7	79.1	82.2	85.6	86.3	87.4	88.0	88.0	88.0	88.3	88.3	88.3	88.3
GE 5000	64.3	66.6	70.3	73.4	79.9	83.0	86.3	87.1	88.2	88.8	88.8	88.8	89.1	89.1	89.1	89.1
GE 4500	65.1	67.3	71.1	74.3	80.8	83.9	87.2	88.0	89.1	89.7	89.7	89.7	90.0	90.0	90.0	90.0
GE 4000	67.6	69.8	73.6	76.8	83.4	86.6	89.9	90.7	91.8	92.3	92.3	92.3	92.7	92.7	92.7	92.7
GE 3500	69.0	71.2	75.1	78.3	85.4	88.8	92.1	92.9	94.0	94.6	94.6	94.6	94.9	94.9	94.9	94.9
GE 3000	69.9	72.1	76.2	79.9	87.1	90.8	94.2	95.0	96.1	96.7	96.7	96.7	97.0	97.0	97.0	97.0
GE 2500	70.3	72.6	76.8	80.4	87.2	91.6	95.0	95.8	97.1	97.7	97.7	97.7	98.0	98.0	98.0	98.0
GE 2000	70.3	72.6	76.8	80.6	87.9	91.7	95.1	96.0	97.3	97.9	97.9	97.9	98.2	98.2	98.2	98.2
GE 1800	70.4	72.7	76.9	80.7	88.2	92.0	95.4	96.3	97.7	98.2	98.2	98.2	98.6	98.6	98.6	98.6
GE 1500	70.6	72.8	77.2	81.1	88.8	92.6	96.0	96.9	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 1200	70.7	72.9	77.3	81.2	88.9	92.7	96.1	97.0	98.3	98.9	98.9	98.9	99.2	99.2	99.2	99.2
GE 1000	70.7	72.9	77.3	81.2	89.0	92.8	96.2	97.2	98.6	99.1	99.1	99.1	99.4	99.4	99.4	99.4
GE 900	70.7	72.9	77.3	81.2	89.1	92.9	96.3	97.3	98.7	99.2	99.2	99.2	99.6	99.6	99.6	99.6
GE 800	70.7	72.9	77.3	81.2	89.2	93.0	96.4	97.4	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 700	70.7	72.9	77.3	81.2	89.2	93.0	96.4	97.4	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 600	70.7	72.9	77.3	81.2	89.2	93.0	96.4	97.4	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 500	70.7	72.9	77.3	81.2	89.2	93.0	96.4	97.4	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 400	70.7	72.9	77.3	81.2	89.2	93.0	96.4	97.4	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 300	70.7	72.9	77.3	81.2	89.2	93.0	96.4	97.4	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 200	70.7	72.9	77.3	81.2	89.2	93.0	96.4	97.4	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 100	70.7	72.9	77.3	81.2	89.2	93.0	96.4	97.4	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 0	70.7	72.9	77.3	81.2	89.2	93.0	96.4	97.4	98.9	99.4	99.4	99.4	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 400

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.3	57.1	60.3	64.0	69.2	70.1	73.1	73.8	74.1	74.3	74.4	74.4	74.6	74.6	74.6	74.6
GE 20000	59.6	60.3	63.6	67.4	73.2	74.1	77.3	78.0	78.4	78.8	78.9	78.9	79.0	79.0	79.0	79.0
GE 18000	59.8	60.6	63.8	67.7	73.4	74.3	77.6	78.3	78.9	79.3	79.4	79.4	79.6	79.6	79.6	79.6
GE 16000	59.8	60.6	63.8	67.7	73.4	74.3	77.6	78.3	78.9	79.3	79.4	79.4	79.6	79.6	79.6	79.6
GE 14000	60.9	61.9	65.2	69.1	75.2	76.3	79.7	80.4	81.0	81.7	81.8	81.8	81.9	81.9	81.9	81.9
GE 12000	62.1	63.1	66.4	70.3	76.4	77.6	80.9	81.7	82.2	82.9	83.0	83.0	83.1	83.1	83.1	83.1
GE 10000	64.0	65.0	68.3	72.4	78.8	80.1	83.7	84.4	85.1	85.8	85.9	85.9	86.0	86.0	86.0	86.0
GE 9000	64.0	65.0	68.3	72.4	78.9	80.2	83.8	84.6	85.2	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 8000	64.7	65.7	69.0	73.1	79.8	81.1	84.7	85.4	86.1	86.8	86.9	86.9	87.0	87.0	87.0	87.0
GE 7000	65.1	66.1	69.4	73.6	80.3	81.7	85.2	86.0	86.7	87.3	87.4	87.4	87.6	87.6	87.6	87.6
GE 6000	65.4	66.6	69.9	74.0	80.8	82.1	85.7	86.4	87.1	87.8	87.9	87.9	88.0	88.0	88.0	88.0
GE 5000	66.0	67.1	70.4	74.6	81.4	82.8	86.3	87.1	87.8	88.4	88.6	88.6	88.7	88.7	88.7	88.7
GE 4500	66.7	67.8	71.1	75.2	82.1	83.4	87.0	87.8	88.4	89.1	89.2	89.2	89.3	89.3	89.3	89.3
GE 4000	68.1	69.2	72.7	76.8	83.9	85.2	88.8	89.6	90.2	90.9	91.0	91.0	91.1	91.1	91.1	91.1
GE 3500	69.6	70.7	74.2	78.6	85.8	87.4	91.0	91.8	92.4	93.1	93.2	93.2	93.3	93.3	93.3	93.3
GE 3000	70.7	71.9	75.4	79.8	87.4	89.3	92.9	93.7	94.3	95.0	95.1	95.1	95.2	95.2	95.2	95.2
GE 2500	71.9	73.1	76.8	81.2	88.9	90.8	94.4	95.2	95.9	96.6	96.7	96.7	96.8	96.8	96.8	96.8
GE 2000	72.1	73.3	77.1	81.6	89.4	91.3	95.1	95.9	96.6	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 1800	72.1	73.3	77.2	81.8	89.7	91.6	95.3	96.1	96.8	97.4	97.6	97.6	97.7	97.7	97.7	97.7
GE 1500	72.6	73.8	77.9	82.4	90.3	92.2	96.0	96.8	97.4	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 1200	72.7	73.9	78.0	82.8	90.7	92.6	96.3	97.3	98.0	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 1000	72.8	74.0	78.1	82.9	90.9	92.8	96.6	97.6	98.2	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 900	72.8	74.0	78.1	82.9	90.9	92.8	96.6	97.6	98.2	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	72.8	74.0	78.1	82.9	91.2	93.1	97.0	98.0	98.7	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 700	72.8	74.0	78.1	82.9	91.2	93.1	97.0	98.0	98.7	99.3	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	72.8	74.0	78.1	82.9	91.2	93.1	97.1	98.1	98.8	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 500	72.8	74.0	78.1	82.9	91.2	93.3	97.3	98.3	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	72.8	74.0	78.1	82.9	91.2	93.3	97.3	98.3	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	72.8	74.0	78.1	82.9	91.2	93.3	97.3	98.3	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	72.8	74.0	78.1	82.9	91.2	93.3	97.3	98.3	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	72.8	74.0	78.1	82.9	91.2	93.3	97.3	98.3	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	72.8	74.0	78.1	82.9	91.2	93.3	97.3	98.3	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	56.1	59.1	61.4	66.0	66.8	69.6	70.2	70.9	72.2	72.2	72.2	73.0	73.0	73.1	73.1
GE 20000	56.3	57.7	60.7	63.1	68.9	69.7	72.9	73.6	74.2	75.6	75.7	75.7	76.4	76.4	76.6	76.6
GE 18000	57.0	58.3	61.3	63.8	69.6	70.3	73.6	74.2	74.9	76.4	76.6	76.6	77.3	77.3	77.4	77.4
GE 16000	57.0	58.3	61.3	63.8	69.6	70.3	73.6	74.2	74.9	76.4	76.6	76.6	77.3	77.3	77.4	77.4
GE 14000	58.0	59.4	62.6	65.0	70.8	71.8	75.1	75.8	76.4	78.2	78.3	78.3	79.1	79.1	79.2	79.2
GE 12000	58.6	60.0	63.1	65.6	71.6	72.6	75.9	76.6	77.2	79.0	79.1	79.1	79.9	79.9	80.0	80.0
GE 10000	60.2	61.7	64.9	67.4	73.4	74.7	78.0	78.7	79.6	81.3	81.4	81.4	82.2	82.2	82.3	82.3
GE 9000	60.3	61.8	65.0	67.6	73.6	74.8	78.1	78.8	79.7	81.4	81.6	81.6	82.3	82.3	82.4	82.4
GE 8000	61.2	62.7	66.0	68.6	74.7	75.9	79.2	79.9	80.8	82.6	82.7	82.7	83.4	83.4	83.6	83.6
GE 7000	61.9	63.4	66.8	69.3	75.6	76.8	80.1	80.8	81.7	83.4	83.6	83.6	84.3	84.3	84.4	84.4
GE 6000	62.1	63.7	67.1	69.7	75.9	77.1	80.4	81.1	82.0	83.8	83.9	83.9	84.7	84.7	84.8	84.8
GE 5000	63.0	64.7	68.2	70.8	77.0	78.2	81.6	82.2	83.1	84.9	85.0	85.0	85.8	85.8	85.9	85.9
GE 4500	64.0	65.7	69.2	71.9	78.3	79.6	82.9	83.6	84.4	86.2	86.3	86.3	87.1	87.1	87.2	87.2
GE 4000	64.9	66.7	70.3	73.0	79.8	81.0	84.3	85.0	85.9	87.7	87.8	87.8	88.6	88.6	88.7	88.7
GE 3500	66.0	67.8	71.7	74.6	81.3	82.9	86.3	87.0	87.9	89.7	89.8	89.8	90.6	90.6	90.7	90.7
GE 3000	67.3	69.3	73.6	76.4	83.9	85.4	89.1	89.8	90.7	92.4	92.6	92.6	93.3	93.3	93.6	93.6
GE 2500	67.9	70.0	74.2	77.1	84.6	86.1	89.8	90.4	91.3	93.1	93.2	93.2	94.0	94.0	94.2	94.2
GE 2000	68.1	70.2	74.6	77.4	85.0	86.7	90.7	91.3	92.2	94.0	94.1	94.1	95.0	95.0	95.2	95.2
GE 1800	68.3	70.4	74.8	77.7	85.2	86.9	90.9	91.6	92.4	94.2	94.3	94.3	95.2	95.2	95.4	95.4
GE 1500	68.3	70.7	75.0	77.9	85.7	87.3	91.6	92.2	93.1	94.9	95.0	95.0	95.9	95.9	96.1	96.1
GE 1200	68.6	70.9	75.2	78.1	85.9	87.6	91.8	92.4	93.3	95.1	95.3	95.3	96.2	96.2	96.4	96.4
GE 1000	69.0	71.3	75.7	78.6	86.4	88.2	92.7	93.3	94.3	96.1	96.3	96.3	97.2	97.2	97.4	97.4
GE 900	69.0	71.3	75.7	78.6	86.4	88.2	92.7	93.3	94.3	96.1	96.3	96.3	97.2	97.2	97.4	97.4
GE 800	69.3	71.7	76.0	78.9	86.8	88.6	93.1	93.8	94.8	96.7	96.9	96.9	97.8	97.8	98.0	98.0
GE 700	69.3	71.7	76.0	78.9	86.8	88.6	93.1	93.8	94.8	96.7	97.2	97.2	98.1	98.1	98.3	98.3
GE 600	69.3	71.7	76.0	78.9	86.8	88.6	93.3	94.0	95.0	96.9	97.4	97.4	98.3	98.3	98.6	98.6
GE 500	69.3	71.7	76.0	78.9	87.0	88.8	93.6	94.2	95.2	97.1	97.7	97.7	98.6	98.6	98.8	98.8
GE 400	69.3	71.7	76.0	78.9	87.1	88.9	93.7	94.3	95.3	97.4	98.0	98.0	98.9	98.9	99.2	99.2
GE 300	69.3	71.7	76.0	78.9	87.2	89.0	93.8	94.4	95.6	97.8	98.3	98.3	99.3	99.3	99.7	99.8
GE 200	69.3	71.7	76.0	78.9	87.2	89.0	93.8	94.4	95.6	97.8	98.3	98.3	99.3	99.3	99.7	99.8
GE 100	69.3	71.7	76.0	78.9	87.2	89.0	93.8	94.4	95.6	97.8	98.3	98.3	99.3	99.3	99.7	100.0
GE 000	69.3	71.7	76.0	78.9	87.2	89.0	93.8	94.4	95.6	97.8	98.3	98.3	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARSH AFB CA
LST TO UTC: 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	54.0	56.6	58.3	62.1	63.6	65.6	66.6	67.2	67.9	68.3	68.4	69.0	69.0	69.3	69.7
GE 20000	56.2	57.2	60.1	61.8	66.2	67.7	70.0	71.1	71.7	72.4	72.9	73.0	73.6	73.6	73.9	74.4
GE 18000	56.7	57.8	60.7	62.4	66.8	68.3	70.6	71.7	72.4	73.1	73.6	73.7	74.3	74.3	74.7	75.1
GE 16000	56.8	57.9	60.7	62.5	66.8	68.4	70.7	71.8	72.4	73.2	73.7	73.8	74.4	74.4	74.7	75.2
GE 14000	57.9	59.1	62.0	63.8	68.3	70.0	72.4	73.6	74.3	75.2	75.7	75.8	76.4	76.4	76.7	77.2
GE 12000	58.2	60.1	63.1	64.9	69.6	71.4	73.9	74.9	75.7	76.5	77.0	77.1	77.7	77.8	78.1	78.5
GE 10000	59.9	61.2	64.3	66.2	71.0	72.9	75.3	76.5	77.3	78.0	78.7	78.8	79.4	79.4	79.7	80.2
GE 9000	60.1	61.4	64.5	66.5	71.2	73.1	75.6	76.7	77.6	78.5	78.9	79.0	79.7	79.7	80.0	80.5
GE 8000	60.6	61.9	65.1	67.1	71.9	73.8	76.3	77.4	78.3	79.2	79.6	79.7	80.3	80.4	80.7	81.2
GE 7000	60.9	62.3	65.5	67.4	72.3	74.2	76.6	77.8	78.6	79.5	80.0	80.1	80.7	80.8	81.1	81.6
GE 6000	61.3	62.7	65.9	67.9	72.8	74.7	77.1	78.3	79.1	80.0	80.5	80.6	81.2	81.3	81.6	82.1
GE 5000	61.9	63.3	66.5	68.5	73.4	75.3	77.8	78.9	79.8	80.7	81.2	81.3	81.9	81.9	82.2	82.7
GE 4500	62.4	63.8	67.1	69.1	74.0	75.9	78.4	79.6	80.4	81.3	81.8	81.9	82.5	82.5	82.8	83.3
GE 4000	63.7	65.1	68.5	70.5	75.6	77.5	80.0	81.2	82.0	82.9	83.4	83.5	84.2	84.2	84.5	85.0
GE 3500	64.6	66.3	69.8	72.0	77.2	79.3	81.8	83.0	83.9	84.8	85.2	85.3	86.0	86.0	86.3	86.8
GE 3000	66.0	67.5	71.3	73.6	79.2	81.4	84.0	85.2	86.1	87.0	87.5	87.6	88.3	88.3	88.6	89.1
GE 2500	66.5	68.4	72.3	74.7	80.3	82.6	85.1	86.4	87.3	88.3	88.8	89.0	89.6	89.6	89.9	90.4
GE 2000	67.0	68.6	72.6	75.1	80.9	83.4	86.0	87.4	88.3	89.3	89.9	90.0	90.7	90.7	91.0	91.5
GE 1800	67.2	68.8	72.8	75.3	81.2	83.7	86.4	87.8	88.7	89.7	90.2	90.3	90.9	90.9	91.3	91.8
GE 1500	67.6	69.2	73.3	75.9	81.9	84.4	87.4	88.8	89.7	90.7	91.4	91.5	92.2	92.2	92.6	93.1
GE 1200	67.9	69.5	73.6	76.3	82.3	84.9	87.9	89.3	90.2	91.2	91.9	92.1	92.8	92.8	93.3	93.8
GE 1000	68.1	69.7	73.8	76.5	82.6	85.3	88.4	89.9	91.1	92.3	93.0	93.1	93.8	93.9	94.3	94.8
GE 900	68.1	69.7	73.9	76.6	82.8	85.4	88.6	90.2	91.5	92.8	93.4	93.5	94.3	94.4	94.8	95.3
GE 800	68.2	69.8	74.0	76.7	83.0	85.7	88.9	90.6	92.0	93.3	94.0	94.1	94.9	95.0	95.3	95.9
GE 700	68.2	69.8	74.0	76.8	83.1	85.8	89.1	90.8	92.2	93.6	94.4	94.5	95.3	95.4	95.7	96.3
GE 600	68.2	69.8	74.0	76.8	83.1	85.8	89.2	90.9	92.4	93.9	94.7	94.8	95.6	95.7	96.0	96.6
GE 500	68.3	69.9	74.1	76.8	83.2	86.0	89.3	91.1	92.6	94.1	95.1	95.3	96.1	96.2	96.6	97.2
GE 400	68.4	69.9	74.2	76.9	83.3	86.1	89.5	91.3	92.8	94.3	95.4	95.5	96.4	96.4	96.9	97.6
GE 300	68.4	69.9	74.2	76.9	83.3	86.1	89.5	91.3	92.8	94.3	95.5	95.6	96.5	96.6	97.2	97.9
GE 200	68.4	69.9	74.2	76.9	83.3	86.1	89.5	91.3	92.8	94.3	95.5	95.7	96.6	96.7	97.4	98.9
GE 100	68.4	69.9	74.2	76.9	83.3	86.1	89.5	91.3	92.8	94.3	95.6	95.7	96.6	96.8	97.5	99.5
GE 000	68.2	69.9	74.2	76.9	83.3	86.1	89.6	91.4	92.9	94.6	95.6	95.7	96.6	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.1	61.2	62.5	63.3	66.7	67.4	68.8	69.4	69.7	70.1	70.8	71.0	72.2	72.2	72.9	73.4
GE 20000	63.0	64.1	65.4	66.3	70.0	71.1	72.5	73.0	73.3	73.8	74.4	74.6	75.8	75.8	76.6	77.1
GE 18000	63.0	64.1	65.5	66.6	70.2	71.3	72.8	73.3	73.7	74.1	74.7	74.9	76.1	76.1	76.9	77.4
GE 16000	63.2	64.3	65.7	66.8	70.4	71.5	73.0	73.5	73.9	74.3	74.9	75.2	76.3	76.3	77.1	77.6
GE 14000	64.6	65.7	67.2	68.3	71.9	73.0	74.5	75.1	75.5	75.9	76.8	77.0	78.2	78.2	78.9	79.5
GE 12000	65.5	66.6	68.1	69.1	72.9	74.0	75.5	76.0	76.5	76.9	77.7	78.0	79.1	79.1	79.9	80.4
GE 10000	67.5	68.6	70.1	71.2	75.4	76.5	78.1	78.6	79.0	79.5	80.4	80.6	81.8	81.8	82.6	83.1
GE 9000	67.6	68.7	70.3	71.5	75.7	76.9	78.5	79.0	79.5	79.9	80.9	81.1	82.3	82.3	83.0	83.5
GE 8000	68.1	69.1	70.8	71.9	76.2	77.4	79.0	79.6	80.0	80.4	81.4	81.6	82.8	82.8	83.5	84.1
GE 7000	68.1	69.1	70.9	72.0	76.3	77.5	79.1	79.7	80.1	80.5	81.5	81.7	82.9	82.9	83.7	84.2
GE 6000	68.1	69.1	70.9	72.0	76.3	77.5	79.1	79.7	80.1	80.5	81.5	81.7	82.9	82.9	83.7	84.2
GE 5000	68.6	69.7	71.4	72.6	76.9	78.1	79.7	80.2	80.6	81.1	82.0	82.3	83.4	83.4	84.2	84.7
GE 4500	69.0	70.1	71.8	73.0	77.4	78.6	80.2	80.8	81.2	81.6	82.6	82.8	84.0	84.0	84.7	85.2
GE 4000	69.7	70.8	72.7	73.9	78.5	79.7	81.3	81.8	82.3	82.8	83.8	84.0	85.2	85.2	86.0	86.6
GE 3500	70.1	71.2	73.1	74.5	79.4	80.5	82.2	82.7	83.1	83.7	84.6	84.8	86.0	86.0	86.9	87.4
GE 3000	71.2	72.3	74.7	76.2	81.5	82.7	84.3	84.8	85.3	85.9	86.9	87.1	88.3	88.3	89.1	89.7
GE 2500	72.2	73.4	75.9	77.4	83.2	84.4	86.0	86.7	87.2	87.8	88.8	89.0	90.2	90.2	91.1	91.6
GE 2000	72.6	73.9	76.3	78.1	84.2	85.4	87.1	87.7	88.3	88.9	89.9	90.1	91.3	91.3	92.2	92.7
GE 1800	72.9	74.2	76.7	78.5	84.6	85.8	87.7	88.4	88.9	89.6	90.5	90.8	91.9	91.9	92.8	93.3
GE 1500	73.4	74.7	77.4	79.2	85.9	87.1	89.1	89.8	90.3	91.1	92.2	92.4	93.5	93.5	94.4	94.9
GE 1200	73.5	74.8	77.5	79.4	86.1	87.4	89.9	90.5	91.1	91.8	92.9	93.2	94.5	94.5	95.4	95.9
GE 1000	73.5	74.8	77.5	79.4	86.3	87.6	90.3	91.0	91.5	92.5	93.5	93.9	95.2	95.2	96.1	96.6
GE 900	73.5	74.8	77.5	79.4	86.3	87.6	90.6	91.4	91.9	92.9	94.1	94.4	95.7	95.7	96.7	97.2
GE 800	73.5	74.8	77.5	79.4	86.3	87.6	90.9	91.6	92.2	93.1	94.3	94.6	95.9	95.9	96.9	97.4
GE 700	73.5	74.8	77.5	79.4	86.5	87.7	91.0	91.7	92.3	93.2	94.7	95.1	96.3	96.3	97.3	97.8
GE 600	73.5	74.8	77.5	79.4	86.5	87.7	91.0	91.9	92.5	93.4	94.9	95.3	96.6	96.6	97.5	98.0
GE 500	73.5	74.8	77.5	79.4	86.5	87.7	91.0	91.9	92.5	93.7	95.2	95.5	96.9	96.9	97.8	98.3
GE 400	73.5	74.8	77.5	79.4	86.5	87.7	91.0	91.9	92.5	93.7	95.2	95.5	96.9	96.9	97.8	98.3
GE 300	73.5	74.8	77.6	79.5	86.6	87.8	91.1	92.0	92.6	93.8	95.3	95.6	97.1	97.1	98.1	98.6
GE 200	73.5	74.8	77.6	79.5	86.6	87.8	91.1	92.0	92.6	93.8	95.3	95.6	97.1	97.1	98.3	98.8
GE 100	73.5	74.8	77.6	79.5	86.6	87.8	91.1	92.0	92.6	93.8	95.3	95.6	97.1	97.1	98.3	98.8
GE 000	73.5	74.8	77.6	79.5	86.6	87.8	91.1	92.0	92.6	93.8	95.3	95.6	97.1	97.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.7	59.9	61.2	61.9	64.8	66.2	67.1	67.6	67.6	68.5	69.0	69.2	69.7	69.7	70.9	71.8
GE 20000	61.6	62.9	64.2	64.9	68.1	69.5	70.3	71.0	71.0	71.8	72.4	72.6	73.0	73.0	74.3	75.3
GE 18000	61.8	63.1	64.4	65.2	68.3	69.7	70.5	71.2	71.2	72.0	72.6	72.8	73.2	73.2	74.5	75.5
GE 16000	61.9	63.2	64.5	65.3	68.4	69.8	70.6	71.3	71.3	72.2	72.7	72.9	73.3	73.3	74.6	75.6
GE 14000	63.5	64.8	66.2	67.0	70.1	71.5	72.4	73.0	73.0	73.9	74.5	74.7	75.4	75.4	76.7	77.6
GE 12000	64.8	66.1	67.5	68.3	71.4	72.8	73.7	74.3	74.3	75.2	75.8	76.0	76.7	76.7	78.0	78.9
GE 10000	66.9	68.2	69.7	70.4	73.8	75.2	76.0	76.7	76.7	77.5	78.2	78.4	79.0	79.0	80.3	81.3
GE 9000	66.9	68.2	69.7	70.4	73.8	75.2	76.1	76.8	76.8	77.6	78.3	78.5	79.1	79.1	80.4	81.4
GE 8000	67.4	68.7	70.2	71.0	74.3	75.7	76.7	77.3	77.3	78.2	78.8	79.0	79.7	79.7	81.0	81.9
GE 7000	67.4	68.7	70.2	71.0	74.3	75.7	76.7	77.3	77.3	78.2	78.8	79.0	79.7	79.7	81.0	81.9
GE 6000	67.6	68.9	70.4	71.2	74.5	75.9	76.9	77.5	77.5	78.4	79.0	79.2	79.9	79.9	81.2	82.2
GE 5000	67.7	69.0	70.5	71.3	74.6	76.0	77.0	77.6	77.6	78.5	79.1	79.4	80.0	80.0	81.3	82.3
GE 4500	67.7	69.0	70.6	71.5	74.8	76.3	77.3	78.0	78.0	78.8	79.5	79.7	80.3	80.3	81.6	82.6
GE 4000	68.4	69.8	71.4	72.3	75.6	77.1	78.1	78.7	78.7	79.6	80.2	80.4	81.1	81.1	82.4	83.3
GE 3500	69.5	70.9	72.6	73.7	77.1	78.6	79.6	80.2	80.2	81.1	81.7	81.9	82.6	82.6	83.9	84.8
GE 3000	70.8	72.3	74.1	75.6	79.2	80.8	81.7	82.7	82.7	83.5	84.2	84.4	85.1	85.1	86.3	87.3
GE 2500	71.0	72.6	74.5	76.0	80.4	82.0	83.0	84.0	84.0	84.8	85.5	85.7	86.3	86.3	87.6	88.6
GE 2000	71.1	72.8	74.8	76.3	81.1	82.8	83.8	84.9	84.9	85.8	86.5	86.7	87.3	87.3	88.6	89.6
GE 1800	71.1	72.9	74.9	76.5	81.2	82.9	83.9	85.2	85.2	86.0	86.7	86.9	87.5	87.5	88.8	89.8
GE 1500	71.5	73.3	75.4	77.0	82.0	83.8	85.1	86.8	86.8	87.7	88.4	88.6	89.2	89.2	90.5	91.6
GE 1200	71.5	73.3	75.4	77.0	82.3	84.2	85.5	87.2	87.3	88.3	88.9	89.1	89.8	89.8	91.1	92.2
GE 1000	71.5	73.3	75.4	77.0	82.3	84.2	85.7	87.5	87.6	88.7	89.4	89.6	90.3	90.3	91.8	92.9
GE 900	71.5	73.3	75.4	77.0	82.5	84.4	85.9	88.0	88.1	89.1	90.0	90.3	91.1	91.1	92.6	93.7
GE 800	71.5	73.3	75.4	77.0	82.5	84.4	86.2	88.3	88.4	89.6	90.4	90.8	91.5	91.5	93.0	94.1
GE 700	71.5	73.3	75.4	77.0	82.7	84.7	86.6	88.6	88.7	89.9	90.8	91.1	91.8	91.8	93.3	94.4
GE 600	71.6	73.4	75.5	77.1	82.9	84.9	86.8	88.8	88.9	90.1	91.0	91.3	92.0	92.0	93.5	94.6
GE 500	71.6	73.4	75.5	77.1	82.9	84.9	86.8	88.8	88.9	90.1	91.1	91.4	92.5	92.5	94.0	95.4
GE 400	71.6	73.4	75.5	77.1	83.0	85.1	86.9	89.0	89.1	90.3	91.3	91.6	92.8	92.8	94.3	95.9
GE 300	71.6	73.4	75.5	77.1	83.0	85.1	86.9	89.0	89.1	90.3	91.4	91.7	92.9	92.9	94.5	96.5
GE 200	71.6	73.4	75.5	77.1	83.1	85.2	87.0	89.1	89.2	90.4	91.5	91.8	93.3	93.3	95.2	98.1
GE 100	71.6	73.4	75.5	77.1	83.1	85.2	87.0	89.1	89.2	90.4	91.5	91.8	93.3	93.3	95.2	99.0
GE 000	71.6	73.4	75.5	77.1	83.1	85.2	87.0	89.1	89.2	90.4	91.5	91.8	93.3	93.3	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.7	57.4	59.4	60.1	61.8	62.9	63.4	64.5	64.8	65.2	65.8	65.8	66.5	66.6	67.2	68.5
GE 20000	61.1	61.8	64.1	64.7	66.8	67.8	68.4	69.5	69.8	70.1	70.8	70.8	71.5	71.6	72.3	73.5
GE 18000	61.6	62.4	64.6	65.4	67.4	68.6	69.1	70.2	70.5	70.9	71.5	71.5	72.3	72.4	73.0	74.3
GE 16000	61.7	62.5	64.7	65.5	67.5	68.7	69.2	70.3	70.6	71.0	71.6	71.6	72.4	72.5	73.1	74.4
GE 14000	63.4	64.3	66.6	67.3	69.4	70.6	71.2	72.3	72.6	73.0	73.7	73.7	74.5	74.6	75.4	76.7
GE 12000	64.4	65.3	67.7	68.6	70.6	71.9	72.5	73.5	73.9	74.3	74.9	74.9	75.8	75.9	76.7	78.0
GE 10000	66.2	67.1	69.7	70.5	72.6	73.9	74.5	75.6	75.9	76.3	77.0	77.0	77.8	78.0	78.7	80.0
GE 9000	66.6	67.4	70.0	70.9	72.9	74.2	74.8	75.9	76.2	76.7	77.3	77.3	78.2	78.3	79.0	80.3
GE 8000	67.1	68.1	70.9	71.7	73.8	75.1	75.7	76.8	77.1	77.5	78.3	78.3	79.1	79.2	80.0	81.3
GE 7000	67.1	68.1	70.9	71.7	73.8	75.1	75.7	76.8	77.1	77.5	78.3	78.3	79.1	79.2	80.0	81.3
GE 6000	67.2	68.2	71.0	71.8	73.9	75.2	75.8	76.9	77.2	77.6	78.4	78.4	79.2	79.4	80.1	81.4
GE 5000	68.1	69.0	71.9	72.8	74.8	76.1	76.8	77.8	78.2	78.6	79.4	79.4	80.2	80.3	81.1	82.4
GE 4500	68.7	69.7	72.6	73.4	75.5	76.8	77.4	78.5	78.8	79.2	80.0	80.0	80.9	81.0	81.7	83.0
GE 4000	69.7	70.6	73.8	74.7	76.8	78.1	78.7	79.8	80.1	80.5	81.4	81.4	82.3	82.4	83.1	84.4
GE 3500	70.6	71.6	74.7	75.8	78.0	79.2	79.9	81.1	81.5	81.9	82.8	83.0	83.9	84.0	84.7	86.0
GE 3000	71.1	72.0	75.3	76.5	78.7	80.0	80.8	82.2	82.6	83.0	83.9	84.1	84.9	85.1	85.9	87.2
GE 2500	71.3	72.3	75.6	76.9	79.7	81.0	81.7	83.3	83.8	84.2	85.1	85.3	86.1	86.2	87.1	88.4
GE 2000	71.3	72.3	75.7	77.0	80.0	81.4	82.3	83.9	84.3	84.8	85.7	85.9	86.9	87.0	87.8	89.1
GE 1800	71.3	72.3	75.7	77.0	80.0	81.4	82.3	83.9	84.3	84.9	85.9	86.1	87.2	87.3	88.2	89.5
GE 1500	71.5	72.5	75.9	77.2	80.5	81.9	82.8	84.4	84.9	85.9	86.9	87.1	88.3	88.4	89.2	90.5
GE 1200	71.6	72.6	76.0	77.6	81.0	82.5	83.3	84.9	85.7	86.7	87.7	88.0	89.1	89.2	90.1	91.4
GE 1000	71.7	72.7	76.1	77.8	81.3	82.8	83.8	85.5	86.2	87.3	88.5	88.7	89.9	90.0	91.2	92.5
GE 900	71.7	72.7	76.1	77.8	81.4	82.9	84.0	85.8	86.6	87.6	89.1	89.4	90.6	90.8	92.0	93.3
GE 800	71.8	72.8	76.2	78.0	81.6	83.1	84.4	86.2	87.0	88.1	89.6	89.8	91.2	91.3	92.6	93.9
GE 700	71.9	72.9	76.3	78.1	81.7	83.2	84.5	86.5	87.2	88.3	89.8	90.0	91.4	91.5	92.8	94.1
GE 600	71.9	72.9	76.3	78.1	81.7	83.2	84.5	86.5	87.2	88.3	89.8	90.0	91.4	91.5	92.8	94.1
GE 500	71.9	72.9	76.5	78.4	82.2	83.7	85.1	87.1	88.0	89.1	90.8	91.0	92.5	92.6	94.1	95.5
GE 400	71.9	72.9	76.5	78.4	82.2	83.7	85.1	87.3	88.2	89.5	91.1	91.3	93.0	93.1	94.6	96.0
GE 300	71.9	72.9	76.5	78.4	82.2	83.7	85.1	87.4	88.3	89.6	91.2	91.4	93.2	93.3	95.3	97.1
GE 200	71.9	72.9	76.5	78.4	82.2	83.7	85.1	87.4	88.3	89.6	91.2	91.4	93.2	93.3	95.4	98.2
GE 100	71.9	72.9	76.5	78.4	82.2	83.7	85.1	87.4	88.3	89.6	91.2	91.4	93.2	93.3	95.4	99.5
GE 000	71.9	72.9	76.5	78.4	82.2	83.7	85.1	87.4	88.3	89.6	91.2	91.4	93.2	93.3	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.8	59.7	61.2	62.2	63.9	64.8	65.7	66.3	66.6	67.0	67.0	67.1	67.4	67.4	67.7	68.1
GE 20000	66.7	67.5	69.4	70.4	72.3	73.2	74.2	74.9	75.2	75.6	75.7	75.8	76.1	76.1	76.5	76.8
GE 18000	67.5	68.4	70.2	71.3	73.1	74.1	75.1	75.8	76.2	76.7	76.8	76.9	77.2	77.2	77.5	77.8
GE 16000	67.5	68.4	70.2	71.3	73.1	74.1	75.1	75.8	76.2	76.7	76.8	76.9	77.2	77.2	77.5	77.8
GE 14000	68.9	69.8	71.6	72.9	74.7	75.7	76.7	77.4	77.8	78.4	78.5	78.6	78.9	78.9	79.2	79.6
GE 12000	69.8	70.6	72.5	74.0	75.8	76.3	77.7	78.5	78.9	79.5	79.6	79.7	80.0	80.0	80.3	80.6
GE 10000	71.6	72.5	74.3	75.8	77.6	78.6	79.6	80.3	80.8	81.3	81.4	81.5	81.8	81.8	82.2	82.5
GE 9000	71.9	72.8	74.6	76.1	78.0	78.9	79.9	80.6	81.1	81.6	81.7	81.8	82.2	82.2	82.5	82.8
GE 8000	73.1	74.0	75.8	77.3	79.2	80.2	81.2	81.9	82.6	83.1	83.2	83.3	83.7	83.7	84.0	84.3
GE 7000	73.2	74.1	75.9	77.4	79.4	80.3	81.3	82.0	82.7	83.2	83.3	83.4	83.8	83.8	84.1	84.4
GE 6000	74.1	74.9	76.8	78.3	80.2	81.2	82.2	82.9	83.5	84.1	84.2	84.3	84.6	84.6	84.9	85.3
GE 5000	75.5	76.5	78.3	79.9	81.9	82.9	83.9	84.6	85.3	85.8	85.9	86.0	86.3	86.3	86.7	87.0
GE 4500	75.8	76.8	78.6	80.2	82.4	83.4	84.4	85.2	85.8	86.3	86.5	86.6	86.9	86.9	87.2	87.5
GE 4000	77.0	78.0	79.8	81.4	83.7	84.7	85.8	86.6	87.2	87.7	87.8	88.0	88.3	88.3	88.6	88.9
GE 3500	77.4	78.4	80.3	81.9	84.2	85.4	86.7	87.4	88.1	88.6	88.7	88.8	89.1	89.1	89.5	89.8
GE 3000	78.7	79.7	82.2	83.9	86.1	87.4	88.7	89.5	90.1	90.8	90.9	91.0	91.3	91.3	91.6	91.9
GE 2500	79.0	80.0	82.5	84.2	86.5	87.7	89.0	89.8	90.4	91.1	91.2	91.3	91.6	91.6	91.9	92.3
GE 2000	79.4	80.3	82.9	84.6	87.2	88.6	90.0	90.8	91.5	92.2	92.3	92.4	92.7	92.7	93.0	93.3
GE 1800	79.5	80.4	83.0	84.8	87.5	89.0	90.4	91.2	91.9	92.6	92.7	92.8	93.1	93.1	93.4	93.8
GE 1500	79.8	80.9	83.7	85.5	88.5	90.0	91.5	92.3	93.1	93.9	94.0	94.1	94.4	94.4	94.7	95.1
GE 1200	80.0	81.1	83.9	85.7	88.7	90.6	92.2	93.1	94.0	94.7	94.8	94.9	95.4	95.4	95.7	96.0
GE 1000	80.0	81.1	84.0	85.8	89.0	91.1	92.7	93.7	94.7	95.7	95.9	96.0	96.5	96.5	96.8	97.1
GE 900	80.0	81.1	84.0	85.8	89.0	91.1	92.7	93.8	94.8	95.8	96.0	96.1	96.7	96.7	97.1	97.4
GE 800	80.0	81.1	84.0	85.8	89.0	91.1	92.8	93.9	95.1	96.0	96.2	96.3	97.0	97.0	97.4	97.7
GE 700	80.1	81.2	84.1	85.9	89.1	91.2	92.9	94.1	95.3	96.2	96.5	96.6	97.2	97.2	97.6	98.0
GE 600	80.1	81.3	84.2	86.1	89.4	91.5	93.2	94.5	95.7	96.7	96.9	97.0	97.6	97.6	98.1	98.4
GE 500	80.1	81.3	84.2	86.2	89.5	91.6	93.3	94.6	95.8	96.8	97.0	97.2	98.0	98.0	98.5	98.8
GE 400	80.1	81.3	84.2	86.2	89.5	91.6	93.3	94.6	95.8	96.8	97.0	97.2	98.0	98.0	98.5	98.8
GE 300	80.1	81.3	84.2	86.2	89.6	91.7	93.4	94.7	95.9	96.9	97.2	97.4	98.2	98.2	98.8	99.2
GE 200	80.1	81.3	84.2	86.2	89.6	91.7	93.4	94.7	95.9	96.9	97.2	97.4	98.2	98.2	98.9	99.6
GE 100	80.1	81.3	84.2	86.2	89.6	91.7	93.4	94.7	95.9	96.9	97.2	97.4	98.2	98.2	98.9	99.9
GE 000	80.1	81.3	84.2	86.2	89.6	91.7	93.4	94.7	95.9	96.9	97.2	97.4	98.2	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.8	61.6	62.6	63.0	64.5	65.1	65.7	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	69.2	70.1	71.1	71.7	73.3	74.0	74.9	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	70.0	71.1	72.0	72.7	74.3	74.9	75.9	76.2	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9
GE 16000	70.2	71.3	72.3	72.9	74.5	75.2	76.1	76.5	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1
GE 14000	72.2	73.2	74.3	75.1	76.9	77.5	78.5	78.8	79.0	79.2	79.4	79.4	79.5	79.5	79.5	79.5
GE 12000	74.1	75.2	76.2	77.0	78.8	79.5	80.4	80.8	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4
GE 10000	75.9	77.0	78.1	78.8	80.6	81.3	82.3	82.6	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2
GE 9000	76.3	77.4	78.5	79.2	81.1	81.7	82.7	83.0	83.2	83.4	83.5	83.5	83.7	83.7	83.7	83.7
GE 8000	77.6	78.7	79.8	80.5	82.4	83.0	84.0	84.3	84.5	84.7	84.8	84.8	84.9	84.9	84.9	84.9
GE 7000	77.8	78.9	80.0	80.8	82.6	83.2	84.2	84.5	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.2
GE 6000	78.8	79.9	81.0	81.7	83.5	84.2	85.2	85.5	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 5000	80.5	81.6	82.7	83.4	85.4	86.0	87.0	87.3	87.5	87.7	87.8	87.8	88.0	88.0	88.0	88.0
GE 4500	80.9	81.9	83.1	83.9	85.8	86.5	87.4	87.7	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4
GE 4000	82.3	83.3	84.8	85.6	87.5	88.2	89.1	89.5	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1
GE 3500	82.8	83.9	85.5	86.2	88.4	89.1	90.2	90.5	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2
GE 3000	85.6	86.8	88.6	89.4	91.6	92.5	93.5	93.9	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 2500	85.9	87.1	89.0	89.9	92.3	93.1	94.2	94.5	94.7	94.9	95.1	95.1	95.2	95.2	95.2	95.2
GE 2000	86.5	87.7	89.7	90.5	92.9	93.8	94.9	95.3	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0
GE 1800	86.5	87.7	89.7	90.8	93.1	94.0	95.2	95.5	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 1500	87.1	88.4	90.8	91.8	94.2	95.4	96.7	97.1	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8
GE 1200	87.2	88.5	90.9	92.0	94.6	96.1	97.5	98.0	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7
GE 1000	87.2	88.5	91.0	92.2	94.8	96.7	98.2	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 900	87.2	88.5	91.0	92.2	94.8	96.7	98.2	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 800	87.2	88.5	91.0	92.2	94.8	96.7	98.2	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 700	87.3	88.6	91.1	92.3	95.1	96.9	98.4	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	87.3	88.6	91.1	92.3	95.1	96.9	98.4	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	87.3	88.6	91.1	92.3	95.1	96.9	98.4	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	87.4	88.7	91.2	92.4	95.2	97.0	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	87.4	88.7	91.2	92.4	95.2	97.0	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	87.4	88.7	91.2	92.4	95.2	97.0	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	87.4	88.7	91.2	92.4	95.2	97.0	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	87.4	88.7	91.2	92.4	95.2	97.0	98.5	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.6	59.0	61.1	61.8	63.9	64.7	65.7	66.5	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 20000	64.1	65.5	68.2	69.0	72.2	73.2	74.4	75.2	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 18000	65.2	66.6	69.4	70.5	73.9	74.9	76.3	77.1	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	65.6	67.0	69.8	71.0	74.3	75.4	76.8	77.5	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 14000	67.0	68.4	71.2	72.4	75.7	76.8	78.2	78.9	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	69.1	70.8	73.5	74.7	78.1	79.1	80.5	81.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 10000	70.2	71.8	74.7	75.9	79.2	80.3	81.7	82.6	83.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 9000	70.3	71.9	74.8	76.1	79.5	80.5	81.9	82.8	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	71.5	73.2	76.5	77.7	81.3	82.4	83.8	84.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 7000	71.6	73.3	76.6	77.8	81.4	82.5	83.9	84.7	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	72.2	73.9	77.2	78.5	82.0	83.1	84.5	85.4	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 5000	74.3	76.0	79.4	80.8	84.3	85.4	86.8	87.6	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	74.8	76.6	79.9	81.3	84.8	85.9	87.3	88.2	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000	76.1	77.8	81.3	82.7	86.2	87.3	88.7	89.7	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	77.3	79.0	82.5	84.0	87.6	88.7	90.1	91.1	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	79.0	80.8	84.6	86.3	90.1	91.2	92.7	93.7	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	79.1	80.9	84.9	86.8	90.9	91.9	93.4	94.4	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	79.8	81.5	85.8	87.6	91.7	92.9	94.4	95.4	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	79.8	81.5	85.8	87.6	91.7	92.9	94.4	95.4	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	80.1	81.8	86.1	88.1	92.2	93.5	95.1	96.0	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	80.6	82.4	86.8	88.9	93.2	94.6	96.1	97.3	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	81.0	82.7	87.1	89.2	93.5	94.9	96.8	98.1	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	81.0	82.7	87.1	89.2	93.5	94.9	96.8	98.1	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	81.1	82.8	87.2	89.4	93.7	95.2	97.0	98.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	81.1	82.8	87.2	89.4	93.8	95.3	97.1	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	81.1	82.8	87.2	89.4	93.8	95.3	97.1	98.4	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	81.1	82.8	87.2	89.4	93.9	95.4	97.3	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.1	82.8	87.2	89.4	93.9	95.4	97.3	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.1	82.8	87.2	89.4	93.9	95.4	97.3	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.1	82.8	87.2	89.4	93.9	95.4	97.3	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.1	82.8	87.2	89.4	93.9	95.4	97.3	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.1	82.8	87.2	89.4	93.9	95.4	97.3	98.6	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC. + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	61.7	64.5	6.1	69.0	69.9	70.8	71.2	71.7	72.2	72.4	72.4	72.5	72.5	72.5	72.5
GE 20000	63.8	65.1	68.6	70.4	73.4	74.3	75.5	75.9	76.6	77.0	77.2	77.2	77.3	77.3	77.3	77.3
GE 18000	64.2	65.5	69.0	71.1	74.8	75.2	77.0	77.4	78.1	78.5	78.7	78.7	78.8	78.8	78.8	78.8
GE 16000	64.3	65.6	69.1	71.2	74.9	75.9	77.1	77.5	78.2	78.6	78.8	78.8	78.9	78.9	78.9	78.9
GE 14000	65.5	66.8	70.3	72.5	76.6	77.5	78.7	79.1	79.8	80.2	80.4	80.4	80.5	80.5	80.5	80.5
GE 12000	66.1	67.4	71.0	73.1	77.2	78.2	79.4	79.8	80.4	80.9	81.1	81.1	81.2	81.2	81.2	81.2
GE 10000	67.6	68.9	72.5	74.7	78.8	79.8	81.0	81.4	82.0	82.5	82.7	82.7	82.8	82.8	82.8	82.8
GE 9000	67.7	69.0	72.8	75.1	79.1	80.1	81.3	81.7	82.4	82.8	83.0	83.0	83.1	83.1	83.1	83.1
GE 8000	68.8	70.1	73.9	76.6	80.9	81.8	83.0	83.4	84.1	84.5	84.7	84.7	84.8	84.8	84.8	84.8
GE 7000	69.4	70.6	74.5	77.2	81.5	82.5	83.8	84.2	84.8	85.3	85.5	85.5	85.6	85.6	85.6	85.6
GE 6000	69.9	71.2	75.1	77.7	82.2	83.1	84.4	84.8	85.5	85.9	86.1	86.1	86.2	86.2	86.2	86.2
GE 5000	71.5	72.8	76.7	79.4	83.9	84.8	86.1	86.6	87.2	87.6	87.8	87.8	88.0	88.0	88.0	88.0
GE 4500	71.7	73.0	76.9	79.6	84.1	85.1	86.3	86.8	87.4	87.8	88.1	88.1	88.2	88.2	88.2	88.2
GE 4000	73.0	74.3	78.4	81.1	85.8	86.8	88.1	88.5	89.1	89.6	89.8	89.8	89.9	89.9	89.9	89.9
GE 3500	74.4	75.7	79.9	82.7	87.6	88.6	89.9	90.3	91.0	91.4	91.6	91.6	91.7	91.7	91.7	91.7
GE 3000	76.0	77.3	81.7	84.9	90.1	91.2	92.5	92.9	93.5	94.0	94.2	94.2	94.3	94.3	94.3	94.3
GE 2500	76.3	77.6	82.2	85.5	91.1	92.2	93.5	94.0	94.6	95.1	95.3	95.3	95.4	95.4	95.4	95.4
GE 2000	77.2	78.5	83.4	86.8	92.4	93.5	94.9	95.4	96.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8
GE 1800	77.2	78.5	83.7	87.0	92.8	94.0	95.4	95.8	96.5	96.9	97.1	97.1	97.2	97.2	97.2	97.2
GE 1500	77.5	79.0	84.3	87.7	93.9	95.1	96.6	97.0	97.6	98.1	98.3	98.3	98.4	98.4	98.4	98.4
GE 1200	77.6	79.1	84.5	88.0	94.1	95.3	96.8	97.2	97.8	98.3	98.5	98.5	98.6	98.6	98.6	98.6
GE 1000	77.7	79.2	84.6	88.1	94.6	95.8	97.3	97.7	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1
GE 900	77.7	79.2	84.6	88.1	94.6	95.8	97.3	97.7	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	78.0	79.5	84.8	88.3	94.8	96.1	97.6	98.1	98.7	99.1	99.4	99.4	99.5	99.5	99.5	99.5
GE 700	78.0	79.5	84.8	88.3	94.8	96.1	97.6	98.1	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	78.1	79.6	84.9	88.4	94.9	96.3	97.8	98.5	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 500	78.1	79.6	84.9	88.4	94.9	96.3	97.8	98.5	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	78.1	79.6	84.9	88.4	94.9	96.3	97.8	98.5	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	78.1	79.6	84.9	88.4	94.9	96.3	97.8	98.5	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	78.1	79.6	84.9	88.4	94.9	96.3	97.8	98.5	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	78.1	79.6	84.9	88.4	94.9	96.3	97.8	98.5	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	78.1	79.6	84.9	88.4	94.9	96.3	97.8	98.5	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.6	60.4	62.9	64.3	66.5	67.1	69.2	69.9	70.2	71.1	71.2	71.2	71.4	71.4	71.4	71.5
GE 20000	63.8	64.8	67.8	69.2	71.5	72.4	74.8	75.5	75.8	76.7	76.8	76.8	77.0	77.0	77.0	77.1
GE 18000	63.8	64.8	67.8	69.6	72.2	73.1	75.7	76.3	76.7	77.5	77.6	77.6	77.8	77.8	77.8	78.0
GE 16000	63.8	64.8	67.8	69.6	72.2	73.1	75.7	76.3	76.7	77.5	77.6	77.6	77.8	78.0	78.0	78.1
GE 14000	64.7	65.9	69.1	70.9	73.7	74.6	77.2	77.8	78.2	79.0	79.1	79.1	79.4	79.5	79.5	79.6
GE 12000	65.5	66.7	69.9	71.6	74.4	75.4	78.0	78.6	78.9	79.8	79.9	79.9	80.1	80.2	80.2	80.3
GE 10000	67.8	69.0	72.3	74.0	77.1	78.1	80.6	81.3	81.6	82.5	82.6	82.6	82.8	82.9	82.9	83.0
GE 9000	67.8	69.0	72.4	74.2	77.4	78.4	81.0	81.6	81.9	82.8	82.9	82.9	83.1	83.2	83.2	83.3
GE 8000	68.7	69.9	73.2	75.1	78.5	79.5	82.0	82.7	83.0	83.9	84.0	84.0	84.2	84.3	84.3	84.4
GE 7000	69.1	70.3	73.8	75.6	79.0	80.0	82.6	83.2	83.5	84.4	84.5	84.5	84.7	84.8	84.8	84.9
GE 6000	69.5	70.6	74.1	75.9	79.5	80.4	83.0	83.7	84.0	84.8	84.9	84.9	85.2	85.3	85.3	85.4
GE 5000	70.2	71.4	74.9	76.8	80.3	81.3	83.9	84.5	84.8	85.7	85.8	85.8	86.0	86.1	86.1	86.2
GE 4500	71.0	72.2	75.8	77.6	81.2	82.2	84.7	85.4	85.7	86.6	86.7	86.7	86.9	87.0	87.0	87.1
GE 4000	71.5	72.7	76.6	78.4	82.4	83.4	86.1	86.8	87.1	88.1	88.2	88.2	88.5	88.6	88.6	88.7
GE 3500	72.0	73.2	77.1	78.9	83.0	84.1	86.8	87.4	87.7	88.7	88.8	88.8	89.1	89.2	89.2	89.4
GE 3000	73.1	74.4	78.4	80.2	84.5	85.5	88.3	88.9	89.2	90.2	90.3	90.3	90.6	90.8	90.8	90.9
GE 2500	74.0	75.3	79.2	81.2	86.1	87.3	90.0	90.6	91.0	91.9	92.0	92.0	92.4	92.5	92.5	92.6
GE 2000	74.6	75.9	79.9	82.0	87.6	88.8	91.7	92.4	92.7	93.7	93.8	93.8	94.1	94.2	94.2	94.3
GE 1800	74.9	76.2	80.3	82.5	88.4	89.6	92.5	93.1	93.4	94.4	94.5	94.5	94.8	94.9	94.9	95.1
GE 1500	75.5	76.8	81.0	83.3	89.9	91.1	94.2	94.8	95.2	96.3	96.6	96.6	96.9	97.0	97.0	97.1
GE 1200	75.6	76.9	81.2	83.5	90.2	91.4	94.8	95.6	95.9	97.1	97.3	97.3	97.6	97.7	97.7	97.8
GE 1000	75.8	77.1	81.4	83.9	91.0	92.2	95.6	96.3	96.7	97.8	98.1	98.1	98.5	98.7	98.7	98.8
GE 900	75.8	77.1	81.4	83.9	91.0	92.2	95.7	96.5	96.8	98.0	98.2	98.2	98.6	98.8	98.8	98.9
GE 800	75.8	77.1	81.4	83.9	91.0	92.2	95.7	96.5	96.8	98.0	98.2	98.2	98.6	98.8	98.8	98.9
GE 700	75.9	77.2	81.5	84.0	91.1	92.3	95.8	96.6	96.9	98.4	98.6	98.6	99.0	99.2	99.2	99.4
GE 600	75.9	77.2	81.5	84.0	91.1	92.3	95.8	96.6	96.9	98.4	98.6	98.6	99.0	99.2	99.2	99.4
GE 500	75.9	77.2	81.5	84.0	91.2	92.4	95.9	96.7	97.0	98.6	98.8	98.8	99.4	99.6	99.6	99.8
GE 400	75.9	77.2	81.5	84.0	91.2	92.4	95.9	96.7	97.0	98.6	98.8	98.8	99.4	99.6	99.6	99.8
GE 300	75.9	77.2	81.5	84.0	91.2	92.4	95.9	96.7	97.0	98.6	98.8	98.8	99.4	99.6	99.6	99.8
GE 200	75.9	77.2	81.5	84.0	91.2	92.4	95.9	96.7	97.0	98.6	98.8	98.8	99.4	99.6	99.6	99.8
GE 100	75.9	77.2	81.5	84.0	91.2	92.4	95.9	96.7	97.0	98.6	98.8	98.8	99.4	99.6	99.6	100.0
GE 000	75.9	77.2	81.5	84.0	91.2	92.4	95.9	96.7	97.0	98.6	98.8	98.8	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
MO CEIL	59.1	60.1	61.9	62.8	65.1	66.0	67.1	67.7	67.9	68.5	68.7	68.8	69.2	69.2	69.5	69.9
GE 20000	64.2	65.2	67.3	68.4	70.9	71.9	73.1	73.8	74.1	74.6	74.9	75.0	75.3	75.3	75.7	76.1
GE 18000	64.6	65.7	67.9	69.0	71.8	72.8	74.1	74.7	75.1	75.6	75.9	75.9	76.3	76.3	76.7	77.1
GE 16000	64.8	65.9	68.0	69.2	71.9	73.0	74.2	74.9	75.2	75.7	76.0	76.1	76.5	76.5	76.9	77.3
GE 14000	66.2	67.4	69.6	70.8	73.6	74.7	75.9	76.6	76.9	77.5	77.8	77.9	78.3	78.3	78.7	79.1
GE 12000	67.4	68.6	70.8	72.1	74.9	76.0	77.2	77.9	78.2	78.8	79.1	79.2	79.6	79.6	80.0	80.4
GE 10000	69.2	70.4	72.7	73.9	76.9	77.9	79.2	79.9	80.2	80.8	81.1	81.2	81.6	81.7	82.1	82.5
GE 9000	69.4	70.6	72.9	74.2	77.2	78.2	79.5	80.2	80.6	81.1	81.5	81.5	81.9	82.0	82.4	82.8
GE 8000	70.3	71.5	73.9	75.2	78.3	79.4	80.7	81.3	81.7	82.3	82.6	82.7	83.1	83.2	83.5	84.0
GE 7000	70.5	71.7	74.1	75.4	78.5	79.6	80.9	81.6	81.9	82.5	82.9	82.9	83.4	83.4	83.8	84.2
GE 6000	70.9	72.1	74.5	75.9	79.0	80.1	81.4	82.0	82.4	83.0	83.3	83.4	83.8	83.9	84.3	84.7
GE 5000	72.1	73.3	75.7	77.1	80.3	81.3	82.6	83.3	83.7	84.2	84.6	84.7	85.1	85.1	85.5	85.9
GE 4500	72.5	73.7	76.2	77.6	80.8	81.8	83.1	83.8	84.2	84.7	85.1	85.2	85.6	85.6	86.0	86.4
GE 4000	73.5	74.7	77.3	78.8	82.1	83.2	84.5	85.2	85.6	86.1	86.5	86.6	87.0	87.0	87.4	87.8
GE 3500	74.3	75.5	78.2	79.7	83.2	84.3	85.7	86.3	86.7	87.3	87.7	87.8	88.2	88.3	88.7	89.1
GE 3000	75.7	76.9	79.9	81.6	85.2	86.4	87.8	88.6	89.0	89.6	89.9	90.0	90.5	90.5	90.9	91.3
GE 2500	76.1	77.4	80.5	82.2	86.3	87.5	88.9	89.7	90.1	90.7	91.1	91.2	91.6	91.6	92.0	92.4
GE 2000	76.5	77.9	81.1	82.9	87.1	88.4	89.9	90.7	91.2	91.8	92.2	92.2	92.7	92.7	93.1	93.5
GE 1800	76.6	78.0	81.2	83.1	87.4	88.7	90.2	91.0	91.5	92.1	92.5	92.6	93.1	93.1	93.5	93.9
GE 1500	77.1	78.4	81.8	83.7	88.4	89.7	91.4	92.3	92.7	93.5	93.9	94.0	94.5	94.5	94.9	95.3
GE 1200	77.2	78.6	82.0	84.0	88.8	90.3	92.0	93.0	93.5	94.2	94.7	94.8	95.3	95.3	95.7	96.1
GE 1000	77.3	78.7	82.1	84.2	89.1	90.7	92.5	93.6	94.1	95.0	95.4	95.5	96.1	96.1	96.6	97.0
GE 900	77.3	78.7	82.1	84.2	89.2	90.7	92.6	93.8	94.3	95.1	95.7	95.8	96.4	96.4	96.9	97.3
GE 800	77.4	78.7	82.2	84.2	89.2	90.8	92.8	94.0	94.5	95.4	95.9	96.0	96.6	96.7	97.2	97.6
GE 700	77.4	78.8	82.2	84.3	89.3	90.9	93.0	94.1	94.7	95.6	96.2	96.3	96.9	96.9	97.4	97.9
GE 600	77.4	78.8	82.3	84.3	89.4	91.0	93.1	94.3	94.8	95.7	96.3	96.4	97.0	97.1	97.6	98.0
GE 500	77.4	78.8	82.3	84.4	89.5	91.1	93.2	94.4	95.0	95.9	96.5	96.7	97.4	97.4	98.0	98.5
GE 400	77.5	78.8	82.3	84.4	89.5	91.1	93.2	94.5	95.1	96.0	96.6	96.8	97.5	97.5	98.1	98.7
GE 300	77.5	78.8	82.3	84.4	89.6	91.2	93.3	94.5	95.1	96.0	96.7	96.8	97.6	97.6	98.3	98.9
GE 200	77.5	78.8	82.3	84.4	89.6	91.2	93.3	94.5	95.1	96.1	96.7	96.8	97.6	97.7	98.4	99.0
GE 100	77.5	78.8	82.3	84.4	89.6	91.2	93.3	94.5	95.1	96.1	96.7	96.8	97.6	97.7	98.4	99.0
GE 000	77.5	78.8	82.3	84.4	89.6	91.2	93.3	94.5	95.1	96.1	96.7	96.8	97.6	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.4	52.6	57.0	60.0	65.5	67.5	69.1	69.9	70.3	70.8	71.1	71.1	71.4	71.4	71.6	71.9
GE 20000	53.2	55.5	60.2	63.3	69.2	71.3	72.9	73.8	74.3	74.8	75.1	75.2	75.4	75.5	75.7	75.9
GE 18000	53.5	55.9	60.6	63.7	69.6	71.8	73.4	74.3	74.8	75.3	75.6	75.7	76.0	76.0	76.2	76.4
GE 16000	53.6	55.9	60.7	63.8	69.7	71.9	73.5	74.4	74.9	75.4	75.7	75.8	76.1	76.1	76.3	76.5
GE 14000	54.6	57.0	61.8	65.0	70.9	73.1	74.8	75.7	76.2	76.8	77.1	77.1	77.4	77.5	77.6	77.9
GE 12000	55.6	58.1	63.0	66.2	72.3	74.5	76.3	77.2	77.7	78.2	78.5	78.6	78.9	78.9	79.1	79.4
GE 10000	56.5	58.9	63.9	67.1	73.3	75.6	77.3	78.2	78.7	79.3	79.6	79.7	80.0	80.0	80.2	80.5
GE 9000	56.7	59.1	64.1	67.4	73.6	75.8	77.6	78.5	79.0	79.6	79.9	79.9	80.2	80.3	80.4	80.7
GE 8000	57.2	59.7	64.7	68.0	74.2	76.5	78.2	79.2	79.7	80.3	80.6	80.6	80.9	81.0	81.1	81.4
GE 7000	57.3	59.8	64.8	68.1	74.4	76.6	78.4	79.3	79.8	80.4	80.7	80.8	81.1	81.1	81.3	81.6
GE 6000	57.7	60.2	65.2	68.6	74.8	77.1	78.9	79.8	80.3	80.9	81.2	81.3	81.6	81.6	81.8	82.1
GE 5000	58.4	60.9	66.0	69.4	75.7	78.0	79.8	80.7	81.2	81.8	82.1	82.2	82.5	82.5	82.7	82.9
GE 4500	58.9	61.4	66.6	69.9	76.3	78.6	80.4	81.3	81.8	82.4	82.7	82.8	83.0	83.1	83.3	83.5
GE 4000	60.1	62.7	67.9	71.3	77.7	80.0	81.9	82.8	83.3	83.9	84.2	84.3	84.6	84.6	84.8	85.1
GE 3500	61.3	63.9	69.2	72.7	79.2	81.6	83.4	84.3	84.9	85.5	85.8	85.8	86.1	86.2	86.4	86.6
GE 3000	62.8	65.4	71.0	74.6	81.4	83.8	85.7	86.6	87.2	87.8	88.1	88.1	88.4	88.5	88.7	88.9
GE 2500	63.6	66.3	72.1	75.8	82.8	85.2	87.2	88.2	88.7	89.3	89.6	89.7	90.0	90.0	90.2	90.5
GE 2000	64.2	66.9	72.8	76.6	83.9	86.4	88.4	89.5	90.0	90.7	91.0	91.0	91.3	91.4	91.6	91.8
GE 1800	64.3	67.1	73.0	76.8	84.1	86.8	88.8	89.8	90.4	91.0	91.3	91.4	91.7	91.7	91.9	92.2
GE 1500	64.7	67.4	73.5	77.5	85.1	87.8	89.9	91.1	91.7	92.3	92.7	92.7	93.0	93.1	93.3	93.5
GE 1200	64.8	67.6	73.7	77.8	85.6	88.4	90.7	91.8	92.5	93.2	93.5	93.6	93.9	94.0	94.2	94.4
GE 1000	65.0	67.8	73.9	78.1	86.0	89.0	91.3	92.6	93.3	94.1	94.5	94.5	94.9	94.9	95.1	95.4
GE 900	65.0	67.8	74.0	78.2	86.2	89.2	91.7	93.0	93.7	94.5	94.9	95.0	95.3	95.4	95.6	95.9
GE 800	65.1	67.9	74.1	78.2	86.3	89.4	91.9	93.3	94.1	94.9	95.3	95.4	95.7	95.8	96.0	96.3
GE 700	65.1	67.9	74.1	78.3	86.4	89.5	92.1	93.5	94.4	95.2	95.7	95.8	96.1	96.2	96.4	96.7
GE 600	65.1	67.9	74.1	78.3	86.5	89.6	92.2	93.7	94.6	95.6	96.0	96.1	96.5	96.6	96.8	97.1
GE 500	65.1	67.9	74.1	78.3	86.5	89.7	92.4	94.0	94.9	95.9	96.5	96.6	97.0	97.1	97.3	97.7
GE 400	65.1	67.9	74.1	78.4	86.6	89.8	92.5	94.1	95.1	96.2	96.9	97.0	97.5	97.6	97.8	98.2
GE 300	65.1	67.9	74.1	78.4	86.6	89.8	92.5	94.2	95.1	96.3	97.0	97.2	97.8	97.8	98.3	98.7
GE 200	65.1	67.9	74.1	78.4	86.6	89.8	92.5	94.2	95.2	96.4	97.1	97.2	97.9	98.0	98.6	99.5
GE 100	65.1	67.9	74.1	78.4	86.6	89.8	92.5	94.2	95.2	96.4	97.1	97.3	97.9	98.1	98.6	99.8
GE 000	65.1	67.9	74.1	78.4	86.6	89.8	92.5	94.2	95.2	96.4	97.1	97.3	97.9	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87664

OPERATING LOCATION "A"
USAFETAC, ASEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	37.2	25.5	18.6	16.1	2.6	37.3	14.5	930
03-05	38.9	22.4	17.0	17.5	4.2	38.7	16.5	930
06-08	24.8	32.9	20.1	16.6	5.6	42.3	18.6	930
09-11	18.4	34.8	29.0	14.9	2.8	46.8	15.5	930
12-14	15.7	36.6	33.5	13.9	.3	47.7	10.6	930
15-17	14.1	39.4	31.2	15.1	.3	46.6	10.5	930
18-20	26.0	35.4	22.9	15.4	.3	38.6	9.5	930
21-23	36.7	30.6	17.2	16.5	1.0	34.6	11.6	930
ALL HOURS	26.0	32.0	23.0	15.0	2.0	41.0	13.0	7440

MONTH: FEB HOURS: ALL

00-02	32.0	25.1	21.0	19.8	2.1	42.9	17.2	849
03-05	29.2	26.3	18.4	20.6	5.5	44.5	18.3	849
06-08	16.1	31.0	27.0	19.3	6.6	52.9	19.6	849
09-11	13.5	31.4	31.4	21.4	2.1	55.0	16.7	849
12-14	11.9	32.4	37.9	17.8		55.7	12.4	849
15-17	9.3	35.6	36.5	18.1		54.7	15.7	849
18-20	18.6	39.9	25.0	16.4	.1	41.5	15.5	849
21-23	28.9	31.2	18.7	19.8	1.4	39.9	13.7	849
ALL HOURS	20.0	31.6	27.0	19.2	2.2	48.4	16.1	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	34.4	21.5	19.7	20.9	3.5	44.1	16.8	930
03-05	31.9	24.1	14.3	23.1	6.0	44.0	21.2	930
06-08	16.0	32.5	24.5	19.9	7.1	51.5	27.5	930
09-11	14.5	35.7	28.4	18.6	2.8	49.8	21.6	930
12-14	10.8	38.0	29.8	20.5	1.0	51.3	18.7	930
15-17	11.6	40.0	29.1	18.6	.6	48.4	22.3	930
18-20	21.5	36.6	22.4	19.2	.3	41.9	14.0	930
21-23	33.0	28.2	18.6	19.6	.6	38.8	12.0	930
ALL HOURS	21.0	32.0	23.0	20.0	2.0	46.0	19.0	7440

MONTH: APR HOURS: ALL

00-02	38.7	22.9	17.0	19.9	1.6	38.4	15.9	900
03-05	32.7	23.3	18.8	21.6	3.7	44.0	21.0	900
06-08	19.4	29.6	25.6	19.6	5.9	51.0	24.7	900
09-11	17.4	34.4	30.1	15.9	2.1	48.1	22.3	900
12-14	14.2	39.6	30.8	14.4	1.0	46.2	25.8	900
15-17	14.0	40.4	31.7	12.9	1.0	45.6	29.1	900
18-20	20.2	41.4	25.7	11.9	.8	38.3	20.0	900
21-23	34.6	31.1	18.4	15.2	.7	34.3	13.6	900
ALL HOURS	23.9	32.8	24.8	16.4	2.1	43.3	21.5	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722960

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	37.8	21.0	15.1	24.0	2.2	41.2	24.8	930
03-05	28.1	20.2	15.7	28.3	7.7	51.7	27.8	930
06-08	17.7	24.8	23.4	26.1	7.8	57.4	35.1	930
09-11	18.0	36.2	26.6	16.8	2.5	45.8	33.9	930
12-14	14.7	43.5	27.2	12.6	1.9	41.7	38.7	930
15-17	17.5	42.6	27.4	10.6	.8	39.9	38.9	930
18-20	24.8	40.6	24.6	8.4	1.5	34.5	24.7	930
21-23	39.0	30.3	17.8	11.7	1.1	30.6	17.3	930
ALL HOURS	24.0	32.0	22.0	17.0	3.0	42.0	30.0	7440

MONTH: JUN HOURS: ALL

00-02	55.0	17.3	11.0	15.8	.9	27.7	28.8	900
03-05	40.2	18.4	10.6	26.0	4.8	41.3	36.1	900
06-08	28.9	24.9	14.6	27.3	4.3	46.2	44.3	900
09-11	29.3	35.3	20.7	13.7	1.0	35.3	42.6	900
12-14	29.1	43.4	19.9	6.9	.7	27.4	50.8	900
15-17	32.2	45.8	16.3	5.0	.7	22.0	46.0	900
18-20	42.6	41.3	11.6	4.1	.4	16.1	30.4	900
21-23	57.6	27.2	8.9	6.3		15.2	22.6	900
ALL HOURS	39.4	31.7	14.2	13.1	1.6	28.9	37.7	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAG FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	67.6	18.5	8.2	5.3	.4	13.9	10.3	930
03-05	49.7	28.0	9.6	9.8	3.0	22.4	16.9	930
06-08	38.3	35.5	13.4	8.8	4.0	26.2	30.8	930
09-11	31.7	48.7	13.8	4.4	1.4	19.6	27.4	930
12-14	28.8	53.4	13.7	3.4	.6	17.7	34.4	930
15-17	30.8	50.6	13.7	4.2	.6	18.5	28.1	928
18-20	37.8	47.7	11.8	2.6	.2	14.6	10.1	927
21-23	63.9	25.9	7.9	2.4		10.2	3.9	927
ALL HOURS	43.0	38.0	11.0	5.0	1.0	17.0	20.0	7432

MONTH: AUG HOURS: ALL

00-02	60.9	21.4	8.5	8.6	.6	17.7	13.9	930
03-05	51.4	24.7	8.3	12.8	2.6	23.9	20.5	930
06-08	30.8	41.5	13.1	11.6	3.0	27.7	32.0	930
09-11	23.0	55.9	14.5	5.3	1.3	21.1	24.1	930
12-14	21.0	62.8	12.5	3.1	.6	16.2	29.1	930
15-17	24.8	56.0	15.8	3.0	.3	19.1	29.8	930
18-20	40.0	42.3	12.8	4.6	.3	17.7	11.8	930
21-23	61.4	24.5	9.1	4.6	.3	14.1	7.7	930
ALL HOURS	39.2	41.1	11.8	6.7	1.2	19.7	21.1	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	52.2	22.7	12.4	11.9	.8	25.1	18.4	900
03-05	44.3	22.7	13.0	16.2	3.8	33.0	19.0	900
06-08	30.6	29.9	19.8	16.1	3.7	39.6	26.1	900
09-11	23.9	45.2	22.3	8.1	.4	30.9	19.1	900
12-14	20.2	53.7	20.4	5.3	.3	26.1	25.7	900
15-17	22.8	51.3	19.6	6.0	.3	25.9	31.6	900
18-20	36.4	41.7	15.4	6.1	.3	21.9	17.3	900
21-23	51.7	28.7	11.9	7.8		19.7	15.7	900
ALL HOURS	35.0	36.0	16.0	9.0	1.0	27.0	21.0	7200

MONTH: OCT HOURS: ALL

00-02	39.1	27.0	12.6	17.4	3.9	33.9	30.9	930
03-05	38.1	22.3	11.7	19.6	8.4	39.7	30.0	930
06-08	22.6	30.0	21.0	17.4	9.0	47.4	34.4	930
09-11	22.7	38.9	21.5	14.3	2.6	38.4	30.9	930
12-14	22.7	42.3	23.4	11.0	.6	35.1	28.6	930
15-17	23.0	45.1	22.7	8.8	.4	31.9	36.8	930
18-20	35.6	35.7	19.1	9.5	.1	28.7	26.2	930
21-23	43.5	26.5	18.0	11.9	.1	30.0	27.6	930
ALL HOURS	30.9	33.5	18.8	13.7	3.1	35.6	30.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	40.4	26.3	15.4	15.1	2.7	33.2	23.9	900
03-05	37.7	25.1	13.6	16.8	6.9	37.2	21.8	900
06-08	16.4	35.9	23.0	15.9	8.8	47.7	23.6	900
09-11	15.1	43.0	23.9	14.6	3.4	41.9	20.1	900
12-14	15.0	44.7	26.7	12.7	1.0	40.3	16.1	900
15-17	14.7	47.4	25.3	11.9	.7	37.9	21.9	900
18-20	29.6	38.9	18.3	12.9	.3	31.6	20.3	900
21-23	39.6	30.1	16.1	13.6	.7	30.3	20.8	900
ALL HOURS	26.0	36.0	20.0	14.0	3.0	37.0	21.0	7200

MONTH: DEC HOURS: ALL

00-02	35.9	30.1	16.2	16.3	1.4	34.0	16.3	930
03-05	36.6	27.8	15.7	15.7	4.2	35.6	16.2	930
06-08	18.8	39.0	23.3	14.1	4.7	42.2	16.9	930
09-11	14.0	42.3	28.2	13.8	1.8	43.8	13.5	930
12-14	14.0	41.6	30.4	14.0		44.4	7.4	930
15-17	12.8	43.3	30.9	13.0		43.9	11.5	930
18-20	26.9	37.5	19.8	15.7	.1	35.6	11.9	930
21-23	33.2	31.4	18.2	16.6	.6	35.4	12.2	930
ALL HOURS	24.0	36.6	22.8	14.9	1.6	39.3	13.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	44.3	23.3	14.6	15.9	1.9	32.4	19.3	10959
03-05	38.3	23.8	13.9	19.0	5.1	37.9	22.4	10959
06-08	23.4	32.3	20.7	17.7	5.9	44.3	27.8	10959
09-11	20.2	40.2	24.1	13.4	2.0	39.6	24.0	10959
12-14	18.2	44.4	25.4	11.3	.7	37.4	24.9	10959
15-17	19.1	44.8	25.0	10.6	.6	36.1	26.9	10957
18-20	30.1	39.9	19.1	10.5	.4	30.0	17.6	10956
21-23	43.5	28.8	15.1	12.1	.5	27.7	14.9	10956
ALL HOURS	29.6	34.7	19.7	13.8	2.1	35.7	22.2	87664

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	EEEEEE
PPPPPPPPPP	AAAA/AAAAAA	RRRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE / MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 110						.1	.1	.1	.3	.1			.0
GE 105					.1	.7	2.2	2.0	1.8	.1			.6
GE 100				.1	.8	4.5	11.4	11.3	10.0	1.1			3.3
GE 95			.1	.9	3.5	13.5	38.2	35.7	28.0	6.5			10.6
GE 90			.3	3.7	9.2	31.2	71.7	68.7	48.0	17.5	1.2	.1	21.1
GE 85	.4	.9	1.7	12.4	23.9	50.0	91.3	87.5	65.0	32.2	6.9	.9	31.3
GE 80	3.0	5.2	8.7	23.9	39.4	68.4	97.9	96.3	80.3	49.5	20.1	5.2	41.7
GE 75	11.7	14.5	20.3	39.3	57.6	84.4	99.8	99.3	90.8	67.0	37.4	16.6	53.4
GE 70	25.0	29.3	36.5	56.8	76.8	94.4	100.0	99.9	97.9	83.1	54.4	32.0	65.7
GE 65	41.7	47.5	53.3	74.8	90.0	98.1		100.0	99.9	94.7	71.4	50.8	77.0
GE 60	60.8	68.2	74.8	89.4	97.2	99.8			99.9	98.7	87.7	68.5	87.2
GE 55	80.6	86.7	92.1	97.3	99.8	100.0			100.0	99.9	97.3	85.4	95.0
GE 50	94.2	96.8	98.7	99.6	100.0					100.0	99.7	96.1	98.8
GE 45	98.5	99.9	99.9	100.0							100.0	99.6	99.8
GE 40	99.9	100.0	100.0									100.0	100.0
GE 35	100.0												100.0
MEAN	62.7	64.5	66.2	71.9	76.9	84.2	92.5	92.0	88.1	79.5	70.8	64.7	76.2
SD	9.01	8.80	8.92	9.94	9.57	9.31	5.89	6.42	9.26	9.72	9.28	9.03	13.76
TOTAL OBS	1643	1511	1674	1620	1674	1620	1673	1643	1590	1643	1590	1643	19524

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75							.1	.4	.4				.1
GE 70							4.4	5.4	2.8				1.1
GE 65						2.2	26.7	28.0	15.0	.7			6.1
GE 60			.1	.1	1.4	14.3	59.4	63.7	40.1	6.3	.2		15.6
GE 55	.5	1.0	.7	3.8	19.2	55.4	89.1	91.4	73.0	25.7	3.1	.8	30.5
GE 50	5.0	7.9	9.6	24.9	63.4	91.4	99.7	99.8	93.8	60.6	15.5	6.7	48.4
GE 45	22.0	26.7	34.3	59.8	90.1	99.1	100.0	100.0	99.7	88.1	45.1	22.0	65.8
GE 40	47.1	56.8	70.8	86.9	98.9	99.9			100.0	97.8	76.7	51.6	82.4
GE 35	73.3	84.2	91.8	97.8	99.9	100.0				99.8	94.4	79.7	93.5
GE 33	83.0	91.2	96.0	99.2	99.9					99.9	97.0	87.2	96.1
GE 30	92.9	97.7	99.2	99.8	100.0					99.9	99.4	95.4	98.7
GE 25	98.8	99.9	99.9	100.0						100.0	100.0	99.2	99.8
GE 20	99.8	100.0	100.0									99.9	100.0
GE 15	100.0											100.0	100.0
MEAN	38.9	40.6	42.3	45.7	50.6	55.1	60.9	61.4	58.2	51.0	43.7	39.6	49.0
SD	6.53	5.99	5.41	5.33	4.46	4.27	5.05	5.01	5.82	5.52	5.75	6.23	9.70
TOTAL OBS	1643	1511	1674	1620	1674	1620	1673	1643	1590	1643	1590	1643	1643

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90							.3	.5	.4				.1
GE 85					.1	.4	5.4	5.6	4.2	.1			1.3
GE 80					.5	6.2	31.3	30.6	19.8	1.7			7.6
GE 75			.1	.7	4.2	22.8	67.2	68.4	42.0	8.2	.2		18.0
GE 70		.1	.4	5.6	18.0	50.4	93.9	92.4	68.4	25.1	1.7	.1	29.9
GE 65	1.3	2.4	3.5	19.0	42.5	80.2	99.9	99.4	91.2	53.6	12.8	2.1	42.6
GE 60	9.4	11.6	18.9	45.9	77.1	96.2	100.0	100.0	99.4	84.1	37.5	12.8	58.0
GE 55	27.8	37.3	48.7	75.1	95.5	99.9			100.0	96.0	67.3	35.7	73.8
GE 50	60.4	71.5	80.6	93.2	99.7	100.0				99.5	89.9	68.4	88.7
GE 45	84.5	91.6	96.4	99.6	100.0					100.0	98.9	89.3	96.7
GE 40	96.8	99.	99.9	100.0							100.0	98.4	99.6
GE 35	99.4	100.0	100.0									99.8	99.9
GE 33	99.8											99.9	100.0
GE 30	100.0											100.0	100.0
MEAN	50.9	52.7	54.4	58.9	63.9	69.8	76.9	76.8	73.3	65.4	57.4	52.3	62.8
SD	6.26	5.75	5.64	6.31	5.89	6.01	4.79	4.98	6.51	6.27	6.03	6.10	10.98
TOTAL OBS	1643	1511	1674	1620	1674	1620	1673	1643	1590	1643	1590	1643	19524

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
36		76*	86	96	88	101	109	104	104	98	88	78	109*
37	60	77	80	89	99	101	105	102	107	98	85	81	107
38	78	75	72	90	97	95	102	105	102	89	83	87	105
39	74	75	86	88	93	99	106	100	102	94	86	83	106
40	82	74	82	95	100	97	103	102	95	98	82	85	103
41	70	75	79	81	96	97	102	103	95	95	93	82	103
42	77	73	84	84	103	97	107	99	99	92	89	82	107
43	80	84	83	89	96	100	108	99	104	99	84	74	108
44	80	77	81	82	91	98	100	107	105	89	77	78	107
45	80	80	83	93	92	100	100	102	103	96	87	82	103
46	82	80	85	94	89	97	101	106	102	88	80	83	106
47	84	82	86	93	101	93	105	104	104	100	83	82	105
48	85	77	75	89	91	91	96	104	107	94	83	76	107
49	65	79	74	92	95	98	100	103	107	95	92	83	107
50	79	81	86	89	88	103	102	106	101	103	92	70	106
51	83	86	85	88	98	94	100	98	104	97	86	72	104
52	71	78	82	88	92	98	98	101	100	100	85	78	101
53	80	80	86	80	87	97	103	102	104	99	85	81	104
54	80	87	82	95	88	102	102	102	98	99	85	76	102
55	77	79	84	85	93	97	98	106	110	97	87	77	110
56	78	70	84	87	99	100	97	105	104	90	90	80	105
57	73	85	82	85	91	103	105	101	100	85	80	79	105
58	77	81	74	95	92	96	107	100	102	100	88	83	107
59	85	79	85	96	85	99	107	102	100	99	85	82	107
60	73	71	85	90	96	100	108	100	102	93	83	80	108
61	82	79	80	97	89	110	102	101	97	97	88	75	105
62	85	78	84	96	93	105	101	104	102	94	90	80	105
63	72	87	82	83	88	92	100	103	103	87	84	78	103
64	84	75	81	91	87	102	105	103	96	99	81	71	105
65	78	80	78	91	93	89	101	106	96	100	84	81	105
66	77	74	92	95	100	102	98	100	100	93	89	75	102
67	77	82	83	73	103	98	103	109	94	96	88	75	109
68	77	85	87	89	100	100	102	101	104	99	87	75	104
69	81	67	82	84	92	100	102	106	104	90	87	78	106
70	72	82	80	84	99	106	105	107	100	99	90	76	107

Best Available Copy

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	85	85	89	88	89	100	107	107	114	102	87	63	114
72	72	83	93	89	98	104	110	105	96	87	81	80	110
73	79	70	68	89	101	107	107	102	96	96	82	81	107
74	74	76	78	86	100	102	100	99	100	95	86	75	102
75	82	78	83	77	94	94	99	106	102	97	91	84	106
76	85	81	81	90	98	105	103	105	96	92	88	77	105
77	73	87	78	88	91	93	101	98	98	95	89	81	101
78	74	77	84	78	101	97	106	102	102	100	87	72	106
79	66	71	79	79	94	107	106	98	109	92	80	87	109
80	72	33	77	93	87	101	106	103	109	110	94	87	110
81	81	86	76	98	94	106	103	110	103	90	88	79	110
82	76	77	74	88	90	90	102	103	108	89	79	74	108
83	78	80	76	77	95	97	106	106	106	90	86	75	106
84	78	78	82	95	108	97	101	100	105	90	84	69	108
85	69	79	81	96	91	102	108	111	97	95	85	78	111
86	82	85	88	89	98	104	102	103	99	90	84	79	104
87	83	75	81	93	98	99	103	101	104	103	80	80	104
88	77	83	95	93	98	98	102	101	109	99	94	82	109
89	82	80	87	100	92	101	107						107*
.....													
GREATEST	85	87	95	100	108	110	110	111	114	110	94	90	114
.....													
TOTAL OBS	1643	1511	1674	1620	1674	1620	1673	1643	1590	1643	1590	1643	19524
.....													

THE GREATEST VALUE OF 114 OCCURRED ON 09/12/71

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
36		36*	31	36	43	43	51	50	48	45	38	29	29*
37	23	31	35	38	42	45	52	54	50	44	35	33	22
38	32	33	34	36	40	46	50	52	52	36	30	36	30
39	35	29	31	41	41	46	52	54	46	41	38	31	29
40	31	33	36	42	45	46	49	47	46	41	33	34	31
41	36	40	39	40	46	49	52	52	45	40	30	28	28
42	30	26	35	37	39	46	53	49	46	39	34	30	26
43	31	33	37	37	44	44	52	50	52	38	35	33	31
44	33	28	33	36	44	44	49	50	46	44	33	30	28
45	28	29	31	34	41	46	48	53	46	44	32	27	27
46	30	30	28	39	46	52	54	54	52	38	36	34	28
47	29	35	36	38	48	50	55	51	50	45	27	30	27
48	27	28	32	37	39	47	50	50	45	39	35	28	27
49	23	27	35	38	40	48	50	52	47	36	41	27	23
50	26	31	34	39	39	45	53	50	49	45	30	32	26
51	29	31	32	37	41	49	53	50	52	42	34	29	29
52	27	35	32	42	44	46	54	55	48	44	33	31	27
53	33	27	31	33	40	44	57	52	48	40	33	30	27
54	29	32	30	41	42	45	55	51	50	42	39	28	28
55	31	28	32	32	40	45	52	59	46	45	34	29	28
56	31	29	32	34	45	49	54	54	55	38	34	32	29
57	32	32	39	39	46	51	55	52	52	43	35	36	32
58	32	36	33	38	47	49	53	58	53	47	26	33	26
59	37	33	40	43	41	51	59	52	52	47	37	34	33
60	25	32	38	39	41	50	54	53	52	44	36	27	25
61	30	37	37	37	46	48	56	50	47	37	33	32	30
62	27	32	33	40	42	47	51	51	45	40	30	23	23
63	18	38	29	32	40	48	51	53	54	44	32	26	18
64	26	27	27	35	40	44	52	53	47	40	30	30	26
65	27	22	33	36	36	45	52	54	44	43	34	31	22
66	25	25	27	39	44	45	49	52	44	38	31	29	25
67	28	30	25	32	32	41	55	60	55	42	32	27	25
68	23	35	27	28	38	46	49	50	46	42	29	17	17
69	27	29	30	34	44	49	50	53	49	35	29	20	20
70	21	30	30	27	40	43	54	58	45	38	34	27	21

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	25	25	24	31	41	39	53	49	42	28	29	17	17
72	24	25	29	32	37	50	53	54	46	40	30	23	23
73	16	34	31	29	37	47	51	52	48	40	31	31	16
74	31	28	33	34	35	48	51	53	51	43	36	25	25
75	23	24	33	34	37	49	52	52	53	37	29	27	23
76	21	37	30	38	48	49	57	51	53	40	32	31	21
77	33	32	31	37	43	52	54	57	50	44	37	31	31
78	35	32	41	38	43	49	53	52	49	48	35	27	27
79	24	27	34	36	40	48	50	56	55	40	27	30	24
80	34	39	38	40	40	45	56	54	50	42	35	34	34
81	34	33	38	39	44	54	58	56	47	42	38	31	31
82	28	36	33	37	46	49	51	53	50	40	37	32	28
83	29	38	36	34	42	50	52	56	57	47	35	32	29
84	29	30	35	36	44	49	59	60	54	42	32	30	29
85	31	26	29	40	45	47	54	54	48	43	33	29	28
86	38	30	36	40	38	53	55	56	45	43	39	35	30
87	27	33	33	39	49	52	52	55	54	51	35	20	20
88	32	38	34	42	44	45	57	54	49	50	36	30	30
89	30	32	35	40	48	52	59						30*
.....													
LEAST	16	22	24	27	32	39	48	47	42	28	26	17	16
.....													
TOTAL OB	1643	1511	1674	1620	1674	1620	1673	1643	1590	1643	1590	1643	19524

THE LEAST VALUE OF 16 OCCURRED ON 01/07/73

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
36		54*	56	60	65	72	78	77	73	65	60	52	65*
37	41	51	54	58	63	69	76	77	75	67	58	56	62
38	54	51	53	58	63	68	75	77	75	63	56	56	62
39	51	47	54	62	63	69	75	77	74	65	60	57	63
40	53	54	58	61	68	70	76	76	71	67	58	56	64
41	53	55	57	57	67	68	77	74	68	62	60	51	62
42	55	51	55	57	62	68	78	75	70	64	59	54	62
43	52	54	56	60	66	68	75	76	76	66	59	52	63
44	51	48	55	56	63	65	71	76	72	65	54	54	61
45	51	51	51	58	62	67	76	77	74	66	56	52	62
46	51	50	54	61	62	72	77	77	76	62	55	53	63
47	50	55	57	61	66	69	77	75	76	65	56	51	63
48	54	49	50	57	61	67	73	73	74	64	57	47	61
49	40	48	51	61	62	71	75	76	75	63	64	51	61
50	46	55	56	61	60	67	76	75	69	68	61	58	53
51	50	52	56	59	64	68	77	75	74	66	58	49	62
52	48	53	50	58	67	66	77	78	76	69	54	50	62
53	56	53	55	56	60	68	78	75	73	65	60	54	63
54	50	60	53	61	64	69	80	73	74	65	61	52	63
55	48	52	57	58	62	69	74	80	75	65	57	53	63
56	53	48	57	57	65	72	76	74	78	63	61	56	63
57	49	57	57	59	61	74	79	77	73	63	55	56	63
58	54	55	52	60	68	71	75	79	76	71	58	59	65
59	56	51	61	65	63	74	81	77	72	68	62	55	65
60	49	52	58	62	66	73	81	77	78	66	56	53	64
61	56	56	55	62	62	73	78	78	71	65	55	52	64
62	52	51	52	64	63	70	75	77	73	63	55	52	62
63	48	58	52	55	63	66	75	75	75	65	55	51	62
64	48	49	51	55	61	67	77	76	70	69	53	50	61
65	51	51	53	57	61	63	75	79	68	69	57	52	61
66	48	50	56	62	65	72	75	78	72	65	56	52	63
67	51	54	53	50	63	66	80	83	74	68	60	48	63
68	50	57	55	58	64	70	77	74	72	64	57	47	62
69	52	48	52	57	65	66	76	80	75	60	58	51	62
70	51	55	53	55	65	71	79	80	71	64	57	47	62

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: +08

PERIOD OF RECORD: 3602-8907

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	49	49	53	56	60	69	78	81	74	62	55	45	61
72	47	52	59	58	64	71	78	77	70	60	54	49	62
73	47	52	49	56	64	73	75	76	69	65	52	52	61
74	50	52	54	57	63	71	75	75	76	63	57	50	62
75	51	48	52	52	63	68	76	75	75	64	57	52	61
76	54	53	54	58	65	72	76	72	69	66	61	54	63
77	51	55	49	59	59	71	77	76	70	67	61	55	62
78	53	52	57	56	67	72	78	78	74	69	54	48	63
79	47	49	53	58	64	72	76	75	78	65	56	54	62
80	54	59	55	63	60	70	80	76	72	70	61	60	65
81	57	57	54	62	66	78	79	82	76	64	60	56	66
82	51	55	52	59	63	66	78	78	75	65	54	50	62
83	53	53	53	54	63	68	76	79	77	68	57	53	63
84	53	54	57	60	70	70	80	79	78	62	54	50	64
85	49	52	52	63	64	73	79	77	69	65	54	54	63
86	58	55	58	61	66	74	76	80	67	65	61	54	65
87	53	53	54	64	69	74	79	78	77	69	58	49	64
88	54	59	60	63	67	72	79	78	74	71	60	52	66
89	51	51	60	65	66	72	80						64*
MEAN	50.9	52.7	54.4	58.9	63.9	69.8	76.9	76.8	73.3	65.4	57.4	52.3	62.8
TOTAL OBS	1643	1511	1674	1620	1674	1620	1673	1643	1590	1643	1590	1643	19524

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	46.5	6.089	930	0	4	3	0	0	930
03-05	44.6	6.366	930	0	29	0	0	0	930
06-08	44.5	6.541	930	0	30	0	0	0	930
09-11	55.2	7.995	929	0	0	128	0	0	929
12-14	62.9	8.372	930	0	0	382	16	0	930
15-17	61.6	7.888	930	0	0	323	10	0	930
18-20	54.1	6.276	930	0	0	68	0	0	930
21-23	49.8	6.042	930	0	0	15	0	0	930
ALL HOURS	52.4	9.772	7439	0	63	919	26	0	7439

MONTH: FEB

00-02	47.8	6.045	849	0	2	4	0	0	849
03-05	45.8	6.446	849	0	11	3	0	0	849
06-08	46.0	6.798	849	0	18	4	0	0	849
09-11	56.9	8.226	849	0	0	163	0	0	849
12-14	64.6	9.095	849	0	0	432	35	0	849
15-17	63.9	8.934	849	0	0	393	29	0	849
18-20	55.9	6.774	849	0	0	101	0	0	849
21-23	51.0	5.887	849	0	0	7	0	0	849
ALL HOURS	54.0	10.252	6792	0	31	1107	64	0	6792

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	48.6	5.203	930	0	0	5	0	0	930
03-05	46.4	5.457	930	0	3	0	0	0	930
06-08	47.9	5.880	930	0	5	2	0	0	930
09-11	58.9	7.953	930	0	0	213	12	0	930
12-14	62.0	9.056	930	0	0	446	60	3	930
15-17	64.7	9.060	930	0	0	447	51	3	930
18-20	57.1	6.964	930	0	0	135	5	0	930
21-23	51.8	5.545	930	0	0	20	0	0	930
ALL HOURS	55.0	9.878	7440	0	8	1268	128	6	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	51.9	5.085	900	0	0	9	0	0	900
03-05	49.8	5.141	900	0	0	2	0	0	900
06-08	53.5	6.890	900	0	0	58	2	0	900
09-11	65.7	9.741	900	0	0	427	99	4	900
12-14	72.2	10.424	900	0	0	658	246	23	900
15-17	71.4	9.967	900	0	0	652	210	13	900
18-20	62.4	7.996	900	0	0	332	23	0	900
21-23	55.6	5.753	900	0	0	65	0	0	900
ALL HOURS	60.3	11.457	7200	0	0	2203	580	40	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.4	4.679	930	0	0	33	0	0	930
03-05	53.6	4.531	930	0	0	6	0	0	930
06-08	58.0	6.270	930	0	0	128	5	0	930
09-11	69.4	9.562	930	0	0	577	166	7	930
12-14	76.2	9.811	930	0	0	800	366	39	930
15-17	75.1	9.009	930	0	0	799	311	22	930
18-20	66.0	7.375	930	0	0	513	39	0	930
21-23	59.0	5.431	930	0	0	132	0	0	930
ALL HOURS	64.1	11.049	7440	0	0	2988	887	68	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	60.0	4.802	900	0	0	159	0	0	900
03-05	58.1	4.351	900	0	0	68	0	0	900
06-08	63.6	7.261	900	0	0	318	36	0	900
09-11	76.1	10.309	900	0	0	754	360	52	900
12-14	83.6	9.481	900	0	0	884	596	172	900
15-17	82.7	8.442	900	0	0	890	574	124	900
18-20	72.7	7.584	900	0	0	760	180	4	900
21-23	64.5	5.793	900	0	0	411	6	0	900
ALL HOURS	70.2	12.054	7200	0	0	4244	1752	352	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	66.2	4.525	930	0	0	567	2	0	930
03-05	63.6	4.701	930	0	0	367	0	0	930
06-08	69.4	6.948	930	0	0	656	77	0	930
09-11	84.1	7.785	930	0	0	927	684	124	930
12-14	91.2	6.434	930	0	0	930	890	414	930
15-17	89.6	6.045	928	0	0	928	881	305	928
18-20	79.4	5.953	927	0	0	925	455	11	927
21-23	70.8	4.698	927	0	0	847	35	0	927
ALL HOURS	76.8	11.660	7432	0	0	6147	3024	854	7432

MONTH: AUG

00-02	66.7	4.725	930	0	0	604	3	0	930
03-05	64.4	4.894	930	0	0	434	2	0	930
06-08	68.8	6.743	930	0	0	655	64	0	930
09-11	82.9	8.316	930	0	0	920	621	110	930
12-14	90.7	7.134	930	0	0	930	863	388	930
15-17	89.0	6.592	930	0	0	930	863	265	930
18-20	78.5	6.323	930	0	0	929	395	21	930
21-23	70.8	4.967	930	0	0	837	45	0	930
ALL HOURS	76.5	11.519	7440	0	0	6239	2856	784	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	63.8	5.898	900	0	0	401	5	0	900
03-05	61.7	5.705	900	0	0	266	3	0	900
06-08	65.1	7.756	900	0	0	427	43	1	900
09-11	79.2	10.959	900	0	0	813	458	105	900
12-14	86.3	10.530	900	0	0	881	643	302	900
15-17	84.3	9.675	900	0	0	885	604	191	900
18-20	73.9	8.197	900	0	0	770	226	12	900
21-23	67.1	6.533	900	0	0	559	26	0	900
ALL HOURS	72.7	12.291	7200	0	0	5007	2008	611	7200

MONTH: OCT

00-02	57.4	5.125	930	0	0	83	0	0	930
03-05	55.4	5.304	930	0	0	26	0	0	930
06-08	57.3	6.352	930	0	0	107	1	0	930
09-11	70.7	9.422	930	0	0	652	175	22	930
12-14	77.7	9.248	930	0	0	889	375	64	930
15-17	75.7	8.382	930	0	0	865	291	37	930
18-20	66.0	6.470	930	0	0	492	35	0	930
21-23	60.4	5.389	930	0	0	186	0	0	930
ALL HOURS	65.1	10.929	7440	0	0	3300	877	123	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	50.1	5.863	900	0	1	4	0	0	900
03-05	47.9	6.281	900	0	4	1	0	0	900
06-08	48.9	6.843	900	0	1	7	0	0	900
09-11	61.5	8.728	900	0	0	309	26	0	900
12-14	68.3	8.982	900	0	0	575	95	4	900
15-17	65.9	8.362	900	0	0	496	52	1	900
18-20	57.4	6.106	900	0	0	106	1	0	900
21-23	52.9	5.577	900	0	0	13	1	0	900
ALL HOURS	56.6	10.312	7200	0	6	1511	175	5	7200

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	46.0	5.771	930	0	8	1	0	0	930
03-05	43.8	6.019	930	0	31	0	0	0	930
06-08	44.0	6.692	930	0	34	4	0	0	930
09-11	55.7	8.805	930	0	1	151	9	0	930
12-14	63.7	9.383	930	0	0	420	39	0	930
15-17	61.4	8.693	930	0	0	320	21	0	930
18-20	53.3	6.454	930	0	0	55	0	0	930
21-23	49.0	5.982	930	0	0	10	0	0	930
ALL HOURS	52.1	10.321	7440	0	74	961	69	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.1	9.109	10959	0	15	1873	10	0	10959
03-05	52.9	9.135	10959	0	78	1173	5	0	10959
06-08	55.6	11.328	10959	0	88	2366	228	1	10959
09-11	68.1	13.646	10958	0	1	6034	2610	424	10958
12-14	75.3	13.679	10959	0	0	8227	4224	1409	10959
15-17	73.8	13.216	10957	0	0	7928	3897	961	10957
18-20	64.8	11.453	10956	0	0	5191	1359	48	10956
21-23	58.6	9.634	10956	0	0	3102	113	0	10956
ALL HOURS	63.0	14.147	37663	0	182	35894	12446	2843	87663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	41.6	5.788	930	54	86	0	0	0	930
03-05	40.3	6.120	930	95	70	0	0	0	930
06-08	40.1	6.157	930	103	75	0	0	0	930
09-11	46.6	5.209	929	6	267	0	0	0	929
12-14	49.9	4.782	930	0	507	0	0	0	930
15-17	49.4	4.719	930	1	464	0	0	0	930
18-20	45.8	4.847	930	5	196	0	0	0	930
21-23	43.6	5.247	930	17	122	0	0	0	930
ALL HOURS	44.7	6.520	7439	281	1787	0	0	0	7439

MONTH: FEB

00-02	43.3	6.030	849	29	138	0	0	0	849
03-05	41.9	6.314	849	58	109	0	0	0	849
06-08	42.0	6.453	849	57	120	0	0	0	849
09-11	48.6	5.732	849	0	390	0	0	0	849
12-14	51.4	5.555	849	2	563	1	0	0	849
15-17	51.5	5.653	849	3	567	5	0	0	849
18-20	48.1	5.529	849	7	370	0	0	0	849
21-23	45.5	5.533	849	16	216	0	0	0	849
ALL HOURS	46.6	6.927	6792	177	2475	6	0	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	45.3	4.878	930	8	203	0	0	0	930
03-05	43.6	5.338	930	24	148	0	0	0	930
06-08	44.5	5.207	930	19	164	0	0	0	930
09-11	50.4	4.447	930	0	529	0	0	0	930
12-14	52.6	4.570	930	0	698	0	0	0	930
15-17	52.9	4.693	930	0	702	0	0	0	930
18-20	49.9	4.635	930	0	505	0	0	0	930
21-23	47.2	4.553	930	1	303	0	0	0	930
ALL HOURS	48.3	5.887	7440	52	3252	0	0	0	7440

MONTH: APR

00-02	47.7	4.666	900	0	319	0	0	0	900
03-05	46.3	4.986	900	0	235	0	0	0	900
06-08	48.5	4.902	900	2	396	0	0	0	900
09-11	53.8	4.761	900	0	736	2	0	0	900
12-14	56.5	5.157	900	0	814	14	0	0	900
15-17	56.6	5.112	900	0	817	14	0	0	900
18-20	53.0	4.838	900	0	686	0	0	0	900
21-23	49.9	4.459	900	0	497	0	0	0	900
ALL HOURS	51.5	6.121	7200	2	4500	30	0	0	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.5	4.270	930	0	645	0	0	0	930
03-05	50.4	4.651	930	0	559	0	0	0	930
06-08	53.0	4.386	930	0	743	0	0	0	930
09-11	57.4	4.886	930	0	877	22	0	0	930
12-14	60.1	5.067	930	0	912	95	2	0	930
15-17	60.0	4.762	930	0	907	66	0	0	930
18-20	56.6	4.517	930	0	864	4	0	0	930
21-23	53.6	4.163	930	0	775	0	0	0	930
ALL HOURS	55.3	5.799	7440	0	6282	187	2	0	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	55.4	3.573	900	0	836	0	0	0	900
03-05	54.2	3.740	900	0	803	0	0	0	900
06-08	57.2	3.960	900	0	871	11	0	0	900
09-11	61.5	4.306	900	0	899	123	0	0	900
12-14	64.4	3.965	900	0	900	278	11	0	900
15-17	64.4	3.568	900	0	900	251	3	0	900
18-20	60.8	3.561	900	0	899	57	0	0	900
21-23	57.6	3.406	900	0	879	2	0	0	900
ALL HOURS	59.5	5.306	7200	0	5994	722	14	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	59.7	3.238	930	0	930	11	1	0	930
03-05	58.4	3.612	930	0	924	8	0	0	930
06-08	61.3	3.873	930	0	928	85	0	0	930
09-11	65.9	3.775	930	0	930	425	28	0	930
12-14	68.4	3.343	930	0	930	651	112	0	930
15-17	68.0	2.842	928	0	928	626	60	0	928
18-20	64.7	2.951	927	0	927	258	3	0	927
21-23	61.8	3.096	927	0	927	50	3	0	927
ALL HOURS	63.5	4.858	7432	0	7424	2114	207	0	7432

MONTH: AUG

00-02	60.3	3.770	929	0	926	51	3	0	929
03-05	59.1	4.140	930	0	923	33	4	0	930
06-08	61.3	4.327	930	0	927	107	8	0	930
09-11	66.0	3.766	930	0	930	421	44	0	930
12-14	68.5	3.508	930	0	930	649	148	0	930
15-17	68.3	3.134	930	0	930	635	104	0	930
18-20	64.7	3.301	930	0	930	275	8	0	930
21-23	62.1	3.351	930	0	930	110	4	0	930
ALL HOURS	63.8	4.972	7439	0	7426	2281	323	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	58.5	4.623	900	0	865	21	0	0	900
03-05	57.3	4.839	900	0	839	17	0	0	900
06-08	58.8	5.076	900	0	870	55	3	0	900
09-11	63.7	4.705	899	0	898	281	12	0	899
12-14	65.8	4.524	900	0	900	442	32	0	900
15-17	65.8	4.337	900	0	900	431	35	0	900
18-20	62.7	4.402	900	0	899	188	0	0	900
21-23	60.1	4.513	900	0	891	65	2	0	900
ALL HOURS	61.6	5.599	7199	0	7062	1500	84	0	7199

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	52.6	5.504	930	0	677	1	0	0	930
03-05	51.2	5.800	930	0	591	0	0	0	930
06-08	52.2	5.639	930	0	645	0	0	0	930
09-11	57.6	4.724	930	0	869	20	0	0	930
12-14	59.7	4.735	930	0	907	54	3	0	930
15-17	59.8	4.854	930	0	900	52	6	0	930
18-20	56.9	4.970	930	0	848	13	0	0	930
21-23	54.4	5.083	930	0	766	5	0	0	930
ALL HOURS	55.6	6.091	7440	0	6203	145	9	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	45.0	6.201	900	13	234	0	0	0	900
03-05	43.4	6.662	900	32	182	0	0	0	900
06-08	43.9	6.588	899	31	199	0	0	0	899
09-11	50.4	5.103	900	0	502	0	0	0	900
12-14	52.8	4.716	900	0	681	2	0	0	900
15-17	52.2	5.157	899	0	614	0	0	0	899
18-20	49.0	5.434	900	0	404	0	0	0	900
21-23	46.6	5.731	900	2	302	0	0	0	900
ALL HOURS	47.9	6.675	7198	78	3118	2	0	0	7198

MONTH: DEC

00-02	40.9	5.597	930	66	67	0	0	0	930
03-05	39.4	5.925	930	104	47	0	0	0	930
06-08	39.4	6.012	930	112	47	0	0	0	930
09-11	46.5	5.443	930	10	282	0	0	0	930
12-14	49.8	5.255	930	0	524	0	0	0	930
15-17	49.0	5.256	930	0	471	0	0	0	930
18-20	45.3	5.231	930	7	200	0	0	0	930
21-23	42.8	5.404	930	36	100	0	0	0	930
ALL HOURS	44.1	6.722	7440	335	1738	0	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	50.2	8.465	10958	170	5926	84	4	0	10958
03-05	48.8	8.743	10959	31*	5430	58	4	0	10959
06-08	50.2	9.493	10958	324	5992	258	11	0	10958
09-11	55.7	8.533	10957	21	8109	1294	84	0	10957
12-14	58.4	8.292	10959	2	9266	2186	308	0	10959
15-17	58.2	8.333	10956	4	9100	2080	208	0	10956
18-20	54.8	8.360	10956	19	7728	795	11	0	10956
21-23	52.1	8.280	10956	72	6708	232	9	0	10956
ALL HOURS	53.6	9.255	87659	925	58259	6987	639	0	87659

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	34.8	10.802	930	248	430	924	0	930
03-05	34.1	10.579	930	265	400	926	0	930
06-08	33.9	10.530	930	268	391	926	0	930
09-11	36.4	11.123	929	219	497	913	0	929
12-14	35.4	11.515	930	260	432	908	0	930
15-17	35.5	11.432	930	260	471	918	0	930
18-20	35.5	11.582	930	264	491	925	0	930
21-23	35.5	11.028	930	241	470	924	0	930
ALL HOURS	35.1	11.122	7439	2025	3582	7364	0	7439

MONTH: FEB

00-02	37.6	10.193	849	121	479	842	0	849
03-05	36.8	10.076	849	128	449	849	0	849
06-08	36.9	9.926	849	122	442	848	0	849
09-11	39.6	10.547	849	115	564	829	0	849
12-14	37.7	11.282	849	170	465	832	0	849
15-17	38.6	11.312	849	154	500	825	0	849
18-20	39.3	11.289	849	134	560	835	0	849
21-23	38.8	10.701	849	118	558	842	0	849
ALL HOURS	38.2	10.748	6792	1062	4017	6702	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	41.4	8.206	930	59	719	930	0	930
03-05	40.2	8.165	930	63	668	930	0	930
06-08	40.6	8.388	930	68	696	929	0	930
09-11	41.5	9.636	930	101	708	924	0	930
12-14	40.5	9.797	930	118	667	922	0	930
15-17	41.7	9.488	930	90	714	919	0	930
18-20	42.6	9.176	930	70	757	922	0	930
21-23	42.3	8.494	930	59	747	929	0	930
ALL HOURS	41.4	9.000	7440	628	5676	7405	0	7440

MONTH: APR

00-02	43.2	7.674	900	32	734	886	0	900
03-05	42.5	7.861	900	43	721	891	0	900
06-08	43.4	7.820	900	43	753	889	0	900
09-11	42.9	9.236	900	71	691	859	1	900
12-14	42.5	9.749	900	71	654	850	3	900
15-17	43.6	9.486	900	61	693	841	5	900
18-20	44.2	8.879	900	46	741	861	0	900
21-23	44.1	8.047	900	37	755	877	0	900
ALL HOURS	43.3	8.665	7200	404	5742	6954	9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	48.1	5.789	930	3	899	857	0	930
03-05	47.6	6.088	930	5	893	863	0	930
06-08	48.7	6.012	930	5	904	820	0	930
09-11	47.9	7.525	930	10	856	787	0	930
12-14	47.8	7.764	930	7	844	768	3	930
15-17	48.6	7.233	930	7	862	794	5	930
18-20	49.1	6.337	930	6	892	799	1	930
21-23	49.0	5.514	930	0	912	827	0	930
ALL HOURS	48.4	6.635	7440	43	7062	6515	9	7440

MONTH: JUN

00-02	51.7	5.172	900	5	892	713	0	900
03-05	51.1	5.362	900	6	890	743	0	900
06-08	52.3	5.361	900	4	886	671	0	900
09-11	51.1	6.767	900	1	861	675	3	900
12-14	51.7	6.582	900	0	870	641	4	900
15-17	52.3	6.146	900	0	876	629	5	900
18-20	52.3	5.921	900	2	878	632	2	900
21-23	52.4	5.209	900	8	889	689	0	900
ALL HOURS	51.9	5.902	7200	26	7042	5393	14	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	55.1	4.797	930	0	930	458	9	930
03-05	54.5	4.949	930	0	930	516	5	930
06-08	55.8	5.185	930	0	929	411	29	930
09-11	54.4	7.342	930	0	910	465	37	930
12-14	54.5	7.061	930	0	917	446	25	930
15-17	55.0	6.192	928	0	924	430	23	928
18-20	55.2	5.21	927	0	923	445	17	927
21-23	55.7	5.074	927	0	927	427	16	927
ALL HOURS	55.0	5.915	7432	0	7390	3598	161	7432

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	55.8	5.723	929	0	925	425	61	930
03-05	55.3	5.724	930	0	929	485	53	930
06-08	56.3	5.997	930	0	926	402	74	930
09-11	55.4	7.527	930	0	910	413	87	930
12-14	55.2	7.282	930	0	918	435	80	930
15-17	55.9	6.790	930	0	922	403	93	930
18-20	55.8	6.780	930	0	915	396	85	930
21-23	56.3	5.783	930	0	927	377	67	930
ALL HOURS	55.7	6.545	7439	0	7372	3336	600	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	54.6	5.836	900	0	897	462	31	900
03-05	54.0	5.983	900	0	892	516	26	900
06-08	54.2	6.126	900	0	891	503	34	900
09-11	53.4	7.180	899	0	877	522	37	899
12-14	52.6	7.736	900	0	866	546	38	900
15-17	53.9	7.113	900	1	880	470	51	900
18-20	55.2	6.354	900	0	892	422	43	900
21-23	55.2	5.854	900	0	896	439	31	900
ALL HOURS	54.1	6.659	7199	1	7091	3880	291	7199

MONTH: OCT

00-02	48.1	9.507	930	46	824	764	4	930
03-05	47.0	9.608	930	56	813	788	0	930
06-08	47.1	9.677	930	59	804	782	1	930
09-11	46.5	10.753	930	75	763	751	1	930
12-14	45.0	10.943	930	93	723	780	2	930
15-17	47.0	10.912	930	81	775	716	1	930
18-20	48.9	10.435	930	58	809	689	9	930
21-23	48.7	9.703	930	52	829	737	6	930
ALL HOURS	47.3	10.299	7440	520	6340	6007	24	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	38.5	11.417	900	171	534	876	0	900
03-05	37.5	11.132	900	179	499	875	0	900
06-08	37.5	11.138	899	167	494	883	0	899
09-11	38.2	11.903	900	202	543	880	0	900
12-14	36.7	11.643	900	234	495	890	0	900
15-17	37.9	12.200	899	214	519	872	0	899
18-20	39.4	12.115	900	176	572	871	0	900
21-23	39.0	11.748	900	181	567	877	0	900
ALL HOURS	38.1	11.717	7198	1524	4223	7024	0	7198

MONTH: DEC

00-02	33.8	10.291	930	270	409	929	0	930
03-05	33.2	10.011	930	284	373	930	0	930
06-08	32.9	10.003	930	283	351	928	0	930
09-11	35.7	10.384	930	218	477	925	0	930
12-14	34.3	10.925	930	275	422	923	0	930
15-17	35.0	11.158	930	251	454	922	0	930
18-20	35.3	11.101	930	238	478	924	0	930
21-23	34.7	10.726	930	236	443	926	0	930
ALL HOURS	34.4	10.641	7440	2055	3407	7407	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	45.3	11.348	10958	955	8672	9066	105	10958
03-05	44.5	11.393	10959	1029	8457	9312	84	10959
06-08	45.0	11.710	10958	1019	8467	8992	138	10958
09-11	45.3	11.593	10957	1012	8657	8943	166	10957
12-14	44.5	12.083	10959	1228	8273	8941	155	10959
15-17	45.5	11.990	10956	1119	8590	8739	183	10956
18-20	46.1	11.734	10956	994	8908	8721	157	10956
21-23	46.0	11.452	10956	932	8920	8871	120	10956
ALL HOURS	45.3	11.678	87659	8288	68944	71585	1108	87659

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	97.2	91.7	83.7	71.2	62.5	54.9	43.2	25.5	68.0	930
03-05	100.0	98.1	93.1	86.2	76.8	67.1	59.0	45.9	27.6	70.4	930
06-08	100.0	97.4	91.9	86.3	76.0	67.3	58.2	46.2	29.1	70.3	930
09-11	99.9	90.9	76.1	65.7	55.0	45.9	35.3	28.1	14.4	55.9	929
12-14	100.0	79.2	57.2	44.2	34.2	26.9	18.7	11.5	5.5	42.2	930
15-17	99.7	83.2	61.3	49.0	37.2	26.9	19.0	12.0	6.2	43.7	930
18-20	100.0	91.4	75.4	63.8	55.3	47.4	36.9	24.7	10.2	55.3	930
21-23	100.0	96.0	85.7	75.6	64.0	57.7	49.0	38.7	17.5	63.1	930
ALL HOURS	99.9	91.7	79.1	69.3	58.7	50.2	41.4	31.3	17.0	63.	7439

MONTH: FEB

00-02	100.0	98.1	93.3	88.7	84.0	74.8	61.8	44.3	20.8	71.3	849
03-05	100.0	98.2	94.9	90.7	86.5	79.2	67.4	48.5	24.5	73.9	849
06-08	100.0	98.4	94.8	90.5	85.5	80.0	68.1	47.8	24.7	73.7	849
09-11	100.0	93.8	84.3	72.8	61.1	49.6	37.6	24.9	11.0	58.0	849
12-14	100.0	33.0	60.0	46.4	38.4	27.1	16.5	8.7	2.9	42.7	849
15-17	100.0	85.6	66.3	51.5	41.3	28.6	18.4	9.4	2.9	44.7	849
18-20	100.0	92.8	83.9	74.9	64.7	53.2	39.1	24.0	8.1	58.7	849
21-23	100.0	95.9	90.5	85.9	78.2	68.0	55.5	37.5	15.8	67.3	849
ALL HOURS	100.0	95.1	83.5	75.1	67.5	57.6	45.5	30.6	13.9	67.3	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	98.2	96.9	94.2	90.3	86.8	79.7	64.1	29.5	78.9	930
03-05	100.0	98.9	97.5	95.8	92.9	89.8	83.7	70.1	33.5	81.3	930
06-08	100.0	98.3	95.9	93.1	90.2	85.8	79.2	65.2	31.5	78.8	930
09-11	100.0	91.0	84.2	75.4	67.1	55.8	37.1	21.4	6.5	58.3	930
12-14	100.0	85.6	72.5	59.8	46.0	29.4	15.8	8.7	2.5	46.4	930
15-17	100.0	87.7	76.2	64.8	47.4	30.6	18.7	10.1	3.7	48.5	930
18-20	100.0	95.1	89.2	83.4	76.8	65.3	45.5	23.8	3.9	63.1	930
21-23	100.0	97.3	94.5	91.0	87.0	81.3	70.6	50.3	18.7	73.7	930
ALL HOURS	100.0	94.0	88.4	82.2	74.7	65.6	53.8	39.2	16.8	73.7	7440

MONTH: APR

00-02	100.0	99.0	98.0	94.6	88.9	81.8	69.7	49.6	16.6	74.6	900
03-05	100.0	99.1	97.8	96.2	91.2	84.4	77.0	59.4	26.7	78.2	900
06-08	100.0	98.2	94.4	90.7	85.2	76.9	65.7	46.7	17.9	72.3	900
09-11	100.0	87.6	74.4	64.1	52.1	39.3	21.7	9.3	2.7	49.6	900
12-14	100.0	77.8	63.7	49.2	32.7	17.3	7.2	2.7	.7	39.5	900
15-17	100.0	83.6	69.1	55.8	34.1	17.8	7.2	3.3	.8	41.6	900
18-20	100.0	94.4	85.0	75.9	66.6	51.7	29.3	12.8	2.4	56.2	900
21-23	100.0	99.2	95.0	88.8	81.7	73.3	57.1	37.3	9.7	68.7	900
ALL HOURS	100.0	92.2	84.7	76.9	66.6	55.4	41.9	27.6	9.7	68.7	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	98.9	96.3	89.9	70.8	51.3	21.0	77.6	930
03-05	100.0	100.0	99.8	99.5	98.2	94.3	80.8	62.3	30.5	81.3	930
06-08	100.0	99.5	98.6	96.2	90.9	79.5	62.3	42.7	20.1	73.6	930
09-11	100.0	94.2	84.9	71.2	51.9	34.3	16.7	6.6	1.7	50.5	930
12-14	100.0	91.0	73.0	51.0	34.8	9.8	3.7	1.2	.4	40.0	930
15-17	100.0	92.6	79.6	56.5	30.5	11.8	4.5	1.1	.4	42.2	930
18-20	100.0	98.8	94.2	86.0	69.2	48.1	23.1	8.2	2.0	57.3	930
21-23	100.0	100.0	99.8	97.6	92.2	79.2	55.5	33.8	11.2	71.2	930
ALL HOURS	100.0	97.0	91.2	82.1	69.3	55.9	39.7	25.9	10.9	71.2	7440

MONTH: JUN

00-02	100.0	99.6	99.4	98.1	95.3	87.3	72.6	43.2	16.0	75.5	900
03-05	100.0	99.6	99.3	98.8	97.1	92.1	79.1	55.0	24.8	79.1	900
06-08	100.0	99.0	97.4	92.6	84.4	74.1	57.3	34.7	12.9	69.6	900
09-11	100.0	91.8	77.8	60.0	44.0	24.7	12.7	3.6	1.2	46.1	900
12-14	100.0	87.3	66.1	38.6	17.3	6.2	1.3	.9	.1	36.2	900
15-17	100.0	90.8	71.3	43.6	19.6	5.2	1.2	.7	.3	37.7	900
18-20	100.0	97.8	90.3	76.0	58.7	34.2	14.2	2.9	.8	51.8	900
21-23	100.0	99.1	98.2	94.7	86.2	72.8	50.9	22.1	4.8	67.1	900
ALL HOURS	100.0	95.6	87.5	75.3	62.8	49.6	36.2	20.4	7.6	67.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	97.8	88.3	75.7	54.4	22.4	6.9	69.0	930
03-05	100.0	100.0	100.0	99.5	94.4	82.4	64.4	36.6	13.2	73.6	930
06-08	100.0	99.9	98.9	92.6	78.0	59.7	42.7	21.7	8.6	64.6	930
09-11	100.0	91.0	72.6	46.1	23.1	9.6	3.5	.9		39.1	930
12-14	99.9	84.9	56.8	19.8	2.7	.8	.1			30.8	930
15-17	100.0	90.7	60.9	23.7	5.6	1.6	.6	.3	.2	32.8	928
18-20	100.0	98.8	86.8	68.0	38.6	14.1	3.2	.9	.2	45.4	927
21-23	100.0	100.0	98.4	91.5	77.6	56.4	28.0	6.9	1.5	60.5	927
ALL HOURS	100.0	95.7	84.3	67.4	51.0	37.5	24.7	11.2	3.8	60.5	7432

MONTH: AUG

00-02	100.0	100.0	99.7	95.9	89.1	73.0	52.2	32.7	15.5	70.0	929
03-05	100.0	100.0	100.0	98.7	93.1	80.8	60.6	41.1	23.5	4.2	930
06-08	100.0	99.8	98.4	92.4	81.1	64.5	47.4	28.2	15.3	67.2	930
09-11	100.0	92.8	74.4	52.7	31.9	18.3	8.0	3.1	1.0	42.5	930
12-14	100.0	81.9	53.4	25.2	8.5	3.1	1.5	.8	.5	32.5	930
15-17	100.0	71.1	62.6	31.2	12.8	4.3	1.8	1.3	1.0	35.0	930
18-20	100.0	98.0	87.0	68.8	46.5	25.8	10.9	2.0	1.4	48.5	930
21-23	100.0	99.8	98.4	90.8	77.0	57.2	35.6	18.0	4.1	62.5	930
ALL HOURS	100.0	95.7	84.2	69.4	55.0	40.9	27.2	15.9	7.8	62.5	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.8	99.2	92.6	81.3	64.0	40.3	19.7	73.9	900
03-05	100.0	100.0	100.0	99.3	95.2	87.3	71.4	48.7	24.3	77.1	900
06-08	100.0	100.0	98.3	94.0	84.7	72.7	56.8	35.8	17.3	70.6	900
09-11	100.0	92.1	75.1	56.6	40.4	26.6	14.0	6.2	2.4	45.6	899
12-14	100.0	82.3	56.0	35.9	19.4	8.2	3.8	1.6	.2	35.2	900
15-17	100.0	89.9	67.6	45.4	22.7	10.1	4.1	1.8	.7	38.6	900
18-20	100.0	99.3	90.8	79.3	63.0	41.0	21.7	8.0	1.4	55.0	900
21-23	100.0	100.0	99.3	94.3	85.8	69.7	48.3	26.0	9.0	67.6	900
ALL HOURS	100.0	95.5	85.9	75.5	63.0	49.6	35.5	21.0	9.4	67.6	7199

MONTH: OCT

00-02	100.0	98.0	95.5	93.0	87.3	79.0	68.2	53.4	22.7	74.4	930
03-05	100.0	98.4	96.1	92.8	89.9	82.6	71.1	57.7	28.4	76.4	930
06-08	100.0	97.5	94.4	89.8	83.3	74.9	65.4	50.9	23.5	72.8	930
09-11	100.0	84.8	69.4	60.9	50.1	37.4	24.3	11.6	4.3	48.6	930
12-14	100.0	74.3	56.3	43.4	26.3	11.8	5.4	1.7	.5	36.2	930
15-17	100.0	82.8	69.4	54.8	34.5	16.6	6.8	1.8	.6	40.9	930
18-20	100.0	94.3	86.9	79.1	70.3	56.8	38.6	16.3	3.8	58.9	930
21-23	100.0	96.9	93.5	88.7	81.6	72.0	61.3	40.3	14.4	69.3	930
ALL HOURS	100.0	90.9	82.7	75.3	65.4	53.9	42.6	29.2	12.3	69.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	97.4	90.3	83.7	77.7	69.7	59.2	42.2	19.1	68.5	900
03-05	100.0	97.9	93.9	86.9	81.0	72.3	60.9	44.7	21.2	70.7	900
06-08	100.0	96.6	92.0	85.1	77.5	68.6	56.2	42.2	22.0	68.8	899
09-11	99.3	83.0	69.1	57.8	50.0	41.7	28.1	15.9	4.9	49.4	900
12-14	99.3	71.0	53.7	42.4	31.9	18.7	8.8	3.6	1.0	37.1	900
15-17	99.4	77.1	63.0	51.2	39.4	25.0	12.5	5.9	1.6	41.6	899
18-20	99.6	91.4	80.8	71.4	61.8	51.4	37.9	20.2	5.3	56.5	900
21-23	99.9	96.0	87.7	78.9	71.3	61.9	51.3	35.3	14.4	64.1	900
ALL HOURS	99.7	88.8	78.8	69.7	61.3	51.2	39.4	26.2	11.2	64.1	7198

MONTH: DEC

00-02	100.0	98.0	92.0	83.8	73.3	61.4	51.2	37.7	16.3	66.0	730
03-05	100.0	98.6	94.5	88.3	78.8	66.5	55.3	41.9	20.0	69.2	930
06-08	100.0	97.5	93.2	87.3	77.2	65.5	53.7	41.2	18.9	68.2	930
09-11	100.0	90.5	77.1	64.1	52.7	41.1	30.3	19.5	8.5	52.8	930
12-14	99.6	77.8	54.2	41.3	30.8	20.8	11.7	7.5	2.3	39.0	930
15-17	99.5	83.5	63.8	48.5	36.7	26.1	15.1	9.0	3.4	42.8	930
18-20	100.0	93.5	79.7	68.1	58.4	46.5	33.9	20.9	7.1	55.6	930
21-23	100.0	97.2	87.8	77.3	66.7	55.8	47.3	31.3	12.3	62.1	930
ALL HOURS	99.9	92.1	80.5	69.8	59.3	47.9	37.3	26.1	11.1	62.1	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	98.8	96.4	92.6	86.2	76.9	63.2	43.7	19.1	72.3	10958
03-05	100.0	99.1	97.3	94.4	89.6	81.5	69.2	51.0	24.9	75.4	10959
06-08	100.0	98.5	95.7	90.9	82.8	72.4	59.3	41.9	20.2	70.9	10958
09-11	99.9	90.2	76.6	62.2	48.2	35.3	22.4	12.5	4.9	49.7	10957
12-14	99.9	81.6	60.2	41.4	26.0	14.9	7.8	4.1	1.4	38.1	10959
15-17	99.9	86.6	67.6	48.0	30.1	17.0	9.1	4.7	1.3	40.8	10956
18-20	100.0	95.5	85.8	74.6	60.8	44.6	27.8	13.7	4.3	55.1	10956
21-23	100.0	98.0	94.1	87.9	79.1	67.1	50.8	31.4	11.1	66.4	10956
ALL HOURS	100.0	93.5	84.2	74.0	62.8	51.2	38.7	25.4	11.0	58.6	87659

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPP	AA AA	RRRRRRR	TT	FFFFF
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFF
PP	AAAAA	RR RR	TT	FF
PP	AA AA	RR RP	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RP RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
0100	MEAN	1018.7	1017.8	1016.2	1014.9	1013.4	1012.6	1013.1	1012.7	1012.5	1015.1	1017.0	1018.2	101
	SD	4.133	3.977	4.058	3.043	2.485	2.168	2.258	2.398	2.772	2.688	3.549	4.111	3.
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3
0400	MEAN	1018.4	1017.2	1015.6	1014.4	1013.0	1012.4	1013.0	1012.5	1012.2	1014.7	1016.7	1018.0	101
	SD	4.211	4.062	4.012	3.068	2.533	2.170	2.276	2.382	2.788	2.759	3.625	4.067	3.
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3
0700	MEAN	1019.2	1018.2	1016.6	1015.5	1014.1	1013.4	1014.0	1013.6	1013.4	1015.8	1017.8	1019.0	101
	SD	4.288	4.108	4.082	3.084	2.510	2.119	2.269	2.372	2.829	2.788	3.719	4.027	3.
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3
1000	MEAN	1020.1	1018.8	1017.0	1015.7	1014.1	1013.3	1013.7	1013.5	1013.5	1015.9	1018.2	1019.8	101
	SD	4.178	4.024	4.012	3.028	2.519	2.187	2.273	2.464	2.854	2.776	3.695	3.976	4.
	TOT OBS	309	283	310	300	310	300	310	310	300	310	299	310	3
1300	MEAN	1017.6	1016.8	1015.4	1014.3	1012.9	1012.3	1012.6	1012.0	1011.7	1013.9	1016.0	1017.3	101
	SD	4.020	3.976	4.008	3.022	2.524	2.221	2.278	2.486	2.855	2.755	3.589	3.924	3.
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3
1600	MEAN	1017.2	1016.0	1014.3	1013.2	1011.9	1011.2	1011.4	1010.9	1010.7	1013.2	1015.5	1017.0	101
	SD	4.051	3.975	3.925	3.013	2.459	2.205	2.317	2.421	2.800	2.779	3.507	3.914	3.
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3
1900	MEAN	1018.4	1017.2	1015.4	1014.1	1012.7	1012.0	1012.2	1011.8	1011.9	1014.7	1016.9	1018.3	101
	SD	4.162	3.933	3.966	2.878	2.378	2.127	2.285	2.398	2.775	2.737	3.521	4.007	4.
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3
2200	MEAN	1019.1	1018.0	1016.4	1015.3	1013.9	1013.2	1013.5	1013.0	1012.9	1015.4	1017.4	1018.8	101
	SD	4.151	3.973	4.037	2.924	2.388	2.094	2.247	2.423	2.742	2.687	3.584	4.048	3.
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3
ALL HOURS	MEAN	1018.6	1017.5	1015.9	1014.7	1013.3	1012.6	1012.9	1012.5	1012.4	1014.8	1016.9	1018.3	101
	SD	4.238	4.089	4.093	3.111	2.580	2.274	2.412	2.566	2.932	2.880	3.692	4.096	4.
	TOT OBS	2479	2264	2480	2400	2480	2400	2477	2480	2400	2480	2399	2478	25

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.10	30.07	30.03	29.99	29.96	29.94	29.96	29.96	29.95	30.01	30.05	30.08	30.01
	SD	.119	.117	.119	.088	.068	.060	.063	.067	.076	.079	.105	.120	.108
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	30.09	30.05	30.01	29.98	29.94	29.93	29.96	29.95	29.93	30.00	30.04	30.08	30.00
	SD	.121	.119	.118	.089	.069	.060	.063	.067	.075	.081	.107	.118	.108
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.10	30.07	30.03	30.01	29.97	29.96	29.99	29.97	29.97	30.02	30.07	30.10	30.02
	SD	.123	.119	.119	.090	.070	.059	.063	.067	.077	.081	.109	.117	.107
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.14	30.10	30.05	30.02	29.97	29.96	29.98	29.98	29.97	30.03	30.09	30.13	30.03
	SD	.121	.118	.118	.090	.069	.060	.063	.069	.077	.082	.110	.115	.112
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.07	30.04	30.00	29.98	29.94	29.93	29.95	29.94	29.92	29.97	30.02	30.06	29.98
	SD	.117	.117	.116	.089	.069	.061	.064	.070	.077	.082	.106	.114	.105
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
1600	MEAN	30.05	30.02	29.97	29.94	29.91	29.90	29.91	29.90	29.89	29.95	30.01	30.05	29.96
	SD	.117	.117	.115	.088	.067	.061	.064	.069	.076	.081	.103	.113	.108
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
1900	MEAN	30.08	30.05	29.99	29.97	29.93	29.92	29.93	29.92	29.92	29.99	30.04	30.08	29.99
	SD	.121	.115	.116	.083	.066	.058	.064	.069	.074	.081	.103	.116	.109
	TOT OBS	310	283	310	299	310	300	309	310	300	310	300	310	3651
2200	MEAN	30.11	30.07	30.03	30.01	29.97	29.96	29.98	29.96	29.95	30.02	30.06	30.10	30.02
	SD	.120	.117	.118	.085	.066	.058	.063	.068	.074	.080	.105	.117	.107
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
ALL HOURS	MEAN	30.09	30.06	30.01	29.99	29.95	29.94	29.96	29.95	29.94	30.00	30.05	30.08	30.00
	SD	.122	.120	.120	.091	.071	.063	.068	.073	.080	.085	.109	.119	.110
	TOT OBS	2480	2264	2480	2399	2480	2400	2477	2480	2399	2480	2400	2480	29219

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	A
0100	MEAN	28.46	28.43	28.39	28.36	28.32	28.31	28.33	28.32	28.31	28.37	28.42	28.44	28.
	SD	.114	.112	.114	.084	.065	.057	.059	.064	.072	.075	.100	.115	.1
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	30
0400	MEAN	28.45	28.41	28.37	28.34	28.31	28.30	28.33	28.31	28.30	28.36	28.41	28.44	28.
	SD	.116	.114	.113	.085	.066	.058	.060	.064	.072	.077	.102	.113	.1
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	30
0700	MEAN	28.46	28.44	28.39	28.37	28.34	28.33	28.35	28.34	28.33	28.39	28.43	28.46	28.
	SD	.117	.114	.114	.086	.066	.056	.059	.063	.073	.077	.105	.112	.1
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	30
1000	MEAN	28.50	28.46	28.41	28.38	28.34	28.33	28.35	28.34	28.34	28.40	28.45	28.48	28.
	SD	.115	.113	.113	.085	.065	.057	.059	.065	.073	.079	.105	.110	.1
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	30
1300	MEAN	28.43	28.41	28.37	28.34	28.31	28.30	28.32	28.30	28.29	28.34	28.39	28.42	28.
	SD	.112	.112	.111	.084	.066	.059	.060	.067	.073	.077	.101	.109	.
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	30
1600	MEAN	28.41	28.38	28.34	28.31	28.28	28.27	28.28	28.27	28.26	28.32	28.37	28.41	28.
	SD	.112	.112	.109	.084	.065	.059	.062	.067	.074	.077	.098	.108	.
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	30
1900	MEAN	28.44	28.41	28.36	28.33	28.30	28.29	28.30	28.29	28.29	28.35	28.40	28.44	28.
	SD	.115	.110	.111	.079	.063	.057	.061	.066	.071	.077	.099	.111	.
	TOT OBS	310	283	310	299	310	300	309	310	300	310	300	310	30
2200	MEAN	28.47	28.43	28.39	28.37	28.34	28.33	28.34	28.33	28.32	28.38	28.43	28.46	28.
	SD	.115	.112	.113	.081	.062	.055	.060	.065	.070	.076	.101	.112	.
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	30
ALL HOURS	MEAN	28.45	28.42	28.38	28.35	28.32	28.31	28.32	28.31	28.31	28.36	28.41	28.44	28.
	SD	.117	.115	.114	.086	.066	.060	.064	.069	.076	.080	.104	.114	.
	TOT OBS	2480	2264	2480	2399	2480	2400	2477	2480	2399	2480	2400	2480	25

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	GGGGG
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	GGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPP	AA AA	RRRRRRR	TT	GG
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
FP	AA AA	RR RR	TT	GGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 80
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				930	.1	.1		930				930	.3			930
CATEGORY B				1004	.6	.1		1015	.5	.3		1040	1.0	.5		1020

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				930	.2			930				930	.1			930
CATEGORY B	1.7	.1		976	1.2	.4		962	.8	.1		967	.5	.1		980

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.1			4650	.1	.0		7440
CATEGORY B	1.0	.3		4965	.8	.2		7968

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				849				849				849	.4	.1		849
CATEGORY B	.1			913	.1			935	.5	.2		955	1.1	.5	.3	948

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.4	.1		849	.2			849				849				849
CATEGORY B	1.9	.9	.1	879	1.1	.2	.1	885				875				898

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.2	.0		4245	.1	.0		6792
CATEGORY B	.9	.4	.1	4542	.6	.2	.1	7288

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.1			1000	.2			1019	.3			1055	1.0	.1		1009

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B	1.0	.4		962	1.0	.2		978	.2	.1		957	.1			975

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				4650				7440
CATEGORY B	.7	.2		4961	.5	.1		7955

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				900				900				900				900
CATEGORY B				965				1006	.1			1028	.6	.1		958

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				900				900				900				900
CATEGORY B	.8	.1		931	.4			925				917	.1			933

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				4500				7200
CATEGORY B	.4	.0		4759	.2	.0		7663

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-31

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 -		
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30
CATEGORY A				930				930				930			
CATEGORY B				.96				1029				1033			

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 -		
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30
CATEGORY A				930				930				930			
CATEGORY B	.3			955	.5	.1		944	.1	.1		936			

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				4650				7440
CATEGORY B	.2	.0		4832	.1	.0		7806

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				900				900				900				900
CATEGORY B				975				1032				991				960

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				900				900				900				900
CATEGORY B				918				913				907				925

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				4500				7200
CATEGORY B				4689				7621

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				930				930				929				930
CATEGORY B				965				1028				1044				967

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.1			930	.1			928				927				927
CATEGORY B	.1	.1		947	.1	.1		939				930				934

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.0			4644	.0			7431
CATEGORY B	.1	.0		4827	.0	.0		7754

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B				948				987				986		.1		954

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B				938				935				931				934

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				4650				7440
CATEGORY B		.0		4744		.0		7613

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				900				900				900				900
CATEGORY B				962				988				1005		.3		954

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.1			900				900				900				900
CATEGORY B	.1	.1		922				912	.1			910				911

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.0			4500	.0			7200
CATEGORY B	.1	.0		4703	.1	.0		7564

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JU 89
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.1	.1		930	.1			930				930				930
CATEGORY B	.2	.2	.1	1001	.3	.1	.1	1026	.2	.1		1081	.2	.1		1031

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.7	.1		967	.7			967	.2			953	.1	.1		989

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				4650	.0	.0		7440
CATEGORY B	.4	.1		4999	.3	.1	.0	8015

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				900				900				900	.3			900
CATEGORY B	.2	.1		958				967	.1			1001	.5	.3	.2	969

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.3			900	.2			900				900				900
CATEGORY B	.9	.3	.1	921	.5	.3	.1	925	.7			921	.1			931

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.2			4500	.1			7200
CATEGORY B	.5	.2	.1	4737	.4	.1	.1	7593

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.1	.1	.1	930				930				930				930
CATEGORY B	.2	.1	.1	960				969	.2			981	1.0			964

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A				930	.2			930	.2			930	.1			930
CATEGORY B	.9			954	.5	.2	.1	950	.8	.3	.1	946	.6	.1		963

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.1			4650	.1	.0	.0	7440
CATEGORY B	.7	.1	.0	4795	.5	.1	.0	7687

Best Available Copy

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 136-316

STATION NUMBER: 722860

STATION NAME: MARCH AFB CA
LST TO UTC: + 8

PERIOD OF RECORD: AUG 79 - JUL 89
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.0	.0	.0	10959	.0	.0		10959				10958	.1	.0		10959
CATEGORY B	.1	.0	.0	11647	.1	.0	.0	12001	.2	.0		12200	.5	.1	.0	11698

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.1	.0		10959	.1			10957	.0			10956	.0			10956
CATEGORY B	.7	.0	.0	11270	.6	.1	.0	11255	.5	.1	.0	11150	.1	.0		11326

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE20	GE25	GE30	OBS	GE20	GE25	GE30	OBS
CATEGORY A	.1	.0		54789	.0	.0	.0	87663
CATEGORY B	.4	.1	.0	57553	.3	.1	.0	92527

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	MM	MM
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	MM	MM
PP PP	AA AA	RR RR	TT	MM	MM
PP PP	AA AA	RR RR	TT	MM	MM
PPPPPPP	AA AA	RRRRRRRR	TT	MMMMMMMMM	
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	MMMMMMMMM	
PP	AAAAAAAAA	RR RR	TT	MM	MM
PP	AA AA	RR RR	TT	MM	MM
PP	AA AA	RR RR	TT	MM	MM
PP	AA AA	RR RR	TT	MM	MM

PAR H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722860

STATION NAME: MARCH AFB TN
LST TO UTC: + 8

PERIOD OF RECORD: MAR 36 - JUL 61

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1936			251	158	32	25		****		74	154	399	1093
1937	****	378	328	198	86	11				36	204	267	1508
1938	316	374	363	195	98	20				****	253	269	1888
1939	418	****	320	190	79	8			4	58	121	239	1347
1940	340	305	197	143	19	2				60	205	257	1528
1941	355	256	239	230	30	7			13	127	154	401	1812
1942	314	384	303	231	103	2		2	6	70	193	331	1939
1943	373	261	248	162	38	37				76	153	381	1729
1944	399	454	288	257	77	55			4	35	313	334	2216
1945	428	346	437	214	104	27			7	38	248	376	2245
1946	384	390	315	115	105					107	292	344	2052
1947	439	249	238	141	56	5			2	55	253	403	1841
1948	320	439	433	223	137	24			13	94	239	525	2447
1949	749	465	397	127	108	1			1	110	72	412	2442
1950	553	274	265	132	142	27			3	29	132	190	1747
1951	442	352	288	206	102	15		1	2	59	208	475	2150
1952	523	344	460	204	32	32			7	10	331	446	2399
1953	290	342	307	264	165	44			6	79	170	339	2006
1954	427	167	372	130	51	21				66	117	389	1740
1955	521	366	258	196	123	19			5	75	250	382	2145
1956	381	476	245	251	71	1				95	152	280	1952
1957	488	237	256	200	134	4		1	1	85	299	261	1967
1958	348	160	405	174	32	3			3	19	208	208	1662
1959	282	393	133	57	66				3	35	101	298	1368
1960	495	170	207	123	69					50	262	368	1947

1961	260	246	300	127	99	13		8	113	291	391	1848
1962	408	395	400	88	116	32		2	103	284	405	2233
1963	526	179	406	288	91	31		5	55	290	428	2299
1964	527	443	411	297	150	41		3	45	360	465	2742
1965	441	395	375	280	143	84		17	16	230	413	2394

1966	522	416	294	109	60	16	1	2	47	261	398	2126
1967	430	317	356	451	134	63		1	16	142	529	2439
1968	474	242	300	202	97	24	****	11	68	237	547	2202
1969	413	473	409	238	72	33			147	220	434	2439
1970	420	278	360	300	64	25		4	71	231	545	2298

1971	485	426	347	255	145	46		29	201	304	626	2864
1972	542	373	197	194	97	3		5	160	340	494	2405
1973	560	368	500	272	91	23		3	72	400	413	2702
1974	469	355	338	229	110	6			111	243	473	2334
1975	418	470	408	397	103	20			109	238	387	2550

1976	331	328	322	205	53	14	3	11	40	141	339	1787
1977	419	277	491	178	201	7		12	40	146	311	2082
1978	361	352	233	261	50	5			21	328	507	2118
1979	561	443	367	206	80	7	1		63	256	319	2303
1980	337	178	294	117	168	23			29	133	163	1442

1981	238	218	320	127	39				65	155	265	1427
1982	433	267	387	164	80	19		2	51	323	467	2193
1983	357	315	367	329	123	22		6	4	239	364	2126
1984	342	312	219	191	21	9			108	315	465	1982
1985	470	364	403	104	78	15		21	58	317	330	2160

1986	220	289	225	134	53			47	45	109	320	1442
1987	372	319	326	74	28			2	21	205	478	1825
1988	345	179	174	117	60	15		10	8	176	400	1484
1989	437	375	149	65	53	4						1083

MEAN	417	336	319	193	87	18	0	0	5	65	226	382
SD	97.32	82.97	85.32	80.13	41.79	17.55	.14	.55	8.30	40.62	75.86	97.46

****SPL 30YR SUMMATION (1951 -1980)****

MEAN	436	342	334	216	99	21	0	0	4	70	239	401
SD	84.66	88.26	86.90	85.83	42.45	19.53	.18	.62	6.30	45.26	76.86	103.56

H 2 - 1A

H-2-1A

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722860 STATION NAME: MARCH AFB GA
LST TO UTC: + 8

PERIOD OF RECORD: MAR 36 - JUL 50

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1936			8	20	54	249	432	****	253	95	13		1124
1937	****			7	69	170	378	398	328	125	1		1476
1938				17	67	123	328	384	340	****		9	1268
1939		****	1	29	57	152	336	385	289	110	9		1348
1940	3			44	128	175	349	345	193	130	11	5	1383
1941			4	2	121	127	398		115	66	45		875
1942	3				60	127	317	336	162	66	21		1172
1943		5		12	50	137	319	341	341	144	1		1376
1944				2	34	59	204	343	216	42			900
1945				2	15	106	171	405	297	74	14		1293
1946			1	36	25	220	381	400	341	27			1431
1947			4	42	94	130	399	317	334	62	1		1383
1948	2	1		14	42	99	256	258	293	83			1048
1949				29	55	193	309	344	316	60	56		1362
1950			6	21	20	113	358	313	151	136	42	1	1161
1951			2	10	59	94	374	316	277	93	7		1232
1952			1	13	98	60	380	395	350	141	5		1443
1953	2	1	1		12	135	416	307	255	97	20		1246
1954		17		29	38	128	472	246	267	80	4		1281
1955			3	2	48	134	288	469	321	62	12		1344
1956			4	16	66	223	343	271	389	37	32		1381
1957		8	3	9	19	283	423	389	248	26		2	1410
1958				34	125	179	315	432	346	213	5	14	1663
1959			5	62	15	256	501	375	225	127	8	1	1575
1960			5	37	103	255	482	373	380	77	2		1714

1961	1			45	12	266	405	408	186	117	7	2	1449
1962	2			57	41	184	323	390	232	35	4		1268
1963		3			18	74	295	316	298	58	2		1064
1964				9	27	106	380	334	149	175			1180
1965				36	34	23	295	431	116	154	3		1092

1966			6	29	62	212	321	396	209	43	8		1286
1967					79	102	459	551	275	107	11		1584
1968				2	64	167	381	****	225	46	1		890
1969					58	53	347	473	290	8	2		1231
1970					73	195	440	462	191	47			1408

1971	2		1	1	15	175	424	518	312	108	3		1559
1972			7	4	82	187	402	364	150	18			1214
1973				3	48	251	319	345	128	72			1166
1974				1	46	194	331	327	348	63	9		1319
1975					66	104	348	326	301	75	8	2	1230

1976	1			14	76	238	344	236	147	79	26		1161
1977		1		6	17	191	376	346	161	122	19		1239
1978			5		118	221	413	392	277	151	7		1584
1979					52	226	349	324	392	67		5	1415
1980		6		51	25	170	475	353	226	194	23	15	1538

1981	1	9		32	78	404	456	530	349	58	19	2	1918
1982				6	44	54	397	405	299	44			1244
1983	2				65	112	356	451	367	101	5		1451
1984				28	184	164	467	429	395	23			1690
1985				39	43	263	454	361	130	66	3		1359

1986	1	6	10	18	95	260	564	470	111	52	6		1390
1987	2	1		59	146	271	268	399	354	157	4		1661
1988	1	6	39	68	150	231	441	394	299	212	22		1863
1989			16	81	86	207	429						819

MEAN	0	1	2	20	62	170	375	377	263	88	9	1
SD	.85	3.15	6.01	20.81	39.10	73.57	62.41	78.26	83.05	49.70	12.34	3.12

****SPL 30YR SUMMATION (1951 - 1980)****

MEAN	0	1	1	15	53	169	380	374	255	89	7	1
SD	.64	3.54	2.49	19.31	31.73	69.50	60.29	74.68	79.87	52.26	8.42	3.73

H - 3 - 1A

H - 3 - 1A

A W S CLIMATIC BRIEF NOV 89	STATION NAME: MARCH AFB CA	FIELD ELEV: 1538 FT
	LATITUDE/LONGITUDE: 33 53 N 117 16 W	STATION MSC: 722860
	HOURLY OBS POR: AUG 79 - JUL 89	CALL SIGN: KRIV
	SUMMARY OF DAY POR: FEB 36 - JUL 89	SUPERCEDES: MAR 85
	HOURS SUMMARIZED: 0000 - 2300 LST	
	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	85	87	95	100	108	110	110	111	114	110	94	90	114	51
MEAN MAX TEMP (F)	62.7	64.5	66.2	71.9	76.9	84.2	92.5	92.0	88.1	79.5	70.8	64.7	76.2	52
MEAN TEMP (F)	50.9	52.7	54.4	58.9	63.9	69.8	76.9	76.8	73.3	65.4	57.4	52.3	62.8	52
MEAN MIN TEMP (F)	38.9	40.6	42.3	45.7	50.6	55.1	60.9	61.4	58.2	51.0	43.7	39.6	49.0	52
EXTRM MIN TEMP (F)	16	22	24	27	32	39	48	47	42	28	26	17	16	52
D/W TEMP GE 100 (F)	0	0	0	#	1	1	4	4	3	1	0	0	14	52
D/W TEMP GE 90 (F)	0	0	#	1	3	9	22	21	14	5	1	#	76	52
D/W TEMP LT 40 (F)	16	12	9	4	1	#	0	0	0	1	7	15	65	52
D/W TEMP LT 33 (F)	5	2	1	1	#	0	0	0	0	#	1	4	14	52
HEATING DEGREE DAYS	417	336	319	193	87	18	#	#	5	65	226	382	2048	53
COOLING DEGREE DAYS	#	1	2	20	62	170	375	377	263	88	9	1	1368	53
MEAN DEMPPOINT TEMP (F)	35.1	38.2	41.4	43.3	48.4	51.9	55.0	55.7	54.1	47.3	38.1	34.4	45.3	10
MEAN WET BULB TEMP (F)	44.7	46.6	48.3	51.5	55.3	59.5	63.5	63.8	61.6	55.6	47.9	44.1	53.6	10
99.95% WCPA (FT)	1750	1750	1800	1700	1700	1700	1700	1700	1750	1700	1700	1750	1750	10
MEAN REL HUM 07 LST(%)	70.3	73.7	78.8	72.3	73.6	69.6	64.6	67.2	70.6	72.8	68.8	68.2	70.9	10
MEAN REL HUM 13 LST(%)	42.2	42.7	46.4	39.5	40.0	36.2	30.8	32.5	35.2	36.2	37.1	39.0	38.1	10
MAX 24HR PRECIP (IN)	3.09	2.42	2.42	1.57	1.08	.25	1.38	1.74	2.08	1.06	2.10	2.68	3.09	53
MAX PRECIP (IN)	6.27	8.89	6.09	4.57	2.07	.28	1.46	2.39	3.01	2.92	5.55	6.06	23.96	53
MEAN PRECIP (IN)	1.92	1.87	1.64	.83	.18	.03	.08	.17	.31	.37	.98	1.54	9.93	53
MIN PRECIP (IN)	.00	.00	.00	#	#	.00	.00	.00	.00	.00	.00	#	3.38	53
D/W PRECIP GE .01 (IN)	6	5	6	4	1	1	1	1	1	2	3	5	36	53
D/W PRECIP GT .50 (IN)	1	1	1	1	#	0	#	#	1	1	1	1	3	53
MAX 24HR SNFL (IN)	3.0	.2	.6	0	0	0	0	0	0	0	.1	.8	3.0	43
MAX SNFL (IN)	4.9	.2	.6	0	0	0	0	0	0	0	.1	1.1	4.9	43
MEAN SNFL (IN)	.1	0	#	0	0	0	0	0	0	0	0	#	.2	43
D/W SNFL GE .1 (IN)	#	#	#	0	0	0	0	0	0	0	#	#	0	43
D/W SNFL GE 1.5 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	0	43
MAX DLY SNO DEPTH (IN)	2	0	#	0	0	0	0	0	0	0	0	1	2	43
MEAN SFC WND DIR (DEG)	\$330	\$300	\$300	\$300	\$300	300	\$300	\$300	\$300	\$300	\$300	\$330	\$300	10
MEAN WND SPD (KTS)	3.3	3.2	3.2	3.8	3.9	4.1	3.8	3.5	3.0	2.7	2.9	2.9	3.4	10
MAX WND SPD (KTS)	46	45	48	40	38	39	43	36	39	41	44	49	49	42
SKY COVER GT 1/2 (%)	41.0	48.4	46.0	43.3	42.0	28.9	17.0	19.7	27.0	35.6	37.0	39.3	35.7	10
D/W THUNDERSTORMS	1	1	1	1	1	1	1	1	1	1	1	1	12	50
D/W FOG (VSBY LT 7 MI)	13	14	18	15	17	16	10	10	13	16	13	12	167	40

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	EC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	22.2	23.0	25.5	21.3	33.7	24.6	7.5	8.8	18.1	33.1	26.4	18.5	21.9	10
	03 - 05	27.8	29.7	36.6	32.8	49.9	45.4	20.4	20.4	29.3	41.5	33.3	20.8	32.3	10
	06 - 08	27.4	31.0	40.2	36.3	49.7	49.4	25.9	27.6	35.1	44.5	34.7	21.3	35.3	10
	09 - 11	20.9	19.7	22.9	18.0	23.2	24.8	8.1	9.6	14.4	23.2	19.6	13.9	18.2	10
	12 - 14	13.1	11.5	14.7	13.9	13.8	13.9	5.3	5.7	8.4	15.8	11.1	8.4	11.3	10
	15 - 17	13.7	11.7	14.1	13.2	10.0	8.7	3.1	2.7	7.4	20.0	12.9	9.9	10.6	10
	18 - 20	12.3	10.7	11.9	8.1	5.8	4.7	1.1	1.7	3.1	12.7	12.6	9.9	7.9	10
	21 - 23	15.1	14.8	13.4	10.8	11.9	6.9	1.7	3.0	7.0	17.3	16.1	15.5	11.1	10
	ALL	19.0	19.0	22.4	19.3	24.7	22.3	9.1	9.9	15.4	26.0	20.8	14.8	18.6	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	16.7	17.6	17.6	14.6	24.4	19.7	6.6	6.9	14.3	29.6	23.6	14.1	17.1	10
	03 - 05	22.9	24.4	28.7	24.9	38.6	39.4	19.6	18.8	24.8	37.6	29.3	18.0	27.2	10
	06 - 08	23.8	26.4	34.1	28.1	38.5	43.2	24.6	25.7	29.1	40.9	31.2	19.5	30.4	10
	09 - 11	16.7	14.8	15.4	12.6	16.3	19.3	6.9	8.1	11.7	20.2	16.7	11.5	14.2	10
	12 - 14	8.5	5.8	7.4	11.2	11.2	12.6	5.3	5.3	7.3	14.4	8.9	5.8	8.6	10
	15 - 17	8.6	6.0	9.6	10.6	8.8	8.1	2.9	2.5	6.7	19.4	11.2	7.8	8.5	10
	18 - 20	7.3	6.9	5.3	6.0	4.9	4.6	1.1	1.2	2.8	11.8	9.7	6.1	5.6	10
	21 - 23	10.2	10.7	7.4	5.4	7.3	5.2	1.4	1.6	4.7	15.4	14.3	10.1	7.8	10
	ALL	14.3	14.1	15.7	14.2	18.8	19.0	8.5	8.7	12.7	23.7	18.1	11.6	14.9	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	11.3	11.9	10.6	8.3	12.8	11.8	2.5	3.0	8.1	18.3	16.4	9.7	10.4	10
	03 - 05	16.9	17.2	19.4	18.6	28.6	28.0	14.1	12.9	16.7	28.9	23.3	14.3	19.9	10
	06 - 08	19.6	19.8	25.6	21.2	27.2	27.3	15.1	15.9	19.3	33.4	26.2	16.2	22.2	10
	09 - 11	10.5	10.4	6.9	6.9	5.9	5.0	1.2	2.9	4.6	11.1	9.1	7.3	6.8	10
	12 - 14	3.5	2.0	2.6	2.4	2.4	.8	.0	.4	1.1	5.5	3.2	1.8	2.1	10
	15 - 17	3.7	2.2	2.0	1.6	1.7	.3	.1	.3	.7	6.9	3.8	3.2	2.2	10
	18 - 20	4.0	3.4	2.2	.7	1.5	.6	.2	.4	.4	4.3	3.4	2.7	2.0	10
	21 - 23	6.7	6.6	3.8	1.7	2.2	1.9	.2	.3	1.3	6.7	7.3	4.4	3.6	10
	ALL	9.5	9.2	9.1	7.7	10.3	9.5	4.2	4.5	6.5	14.4	11.6	7.5	8.7	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.6	3.8	4.1	1.4	1.7	.9	.3	.2	.8	5.6	3.7	2.9	2.5	10
	03 - 05	7.5	7.7	7.0	6.4	8.0	3.7	2.8	2.4	3.9	9.9	10.0	6.7	6.3	10
	06 - 08	9.5	9.0	7.8	6.7	5.8	2.7	2.2	2.4	3.8	10.4	11.0	6.8	6.5	10
	09 - 11	3.1	1.6	.8	.1	.0	.0	.0	.0	.0	1.5	1.6	1.8	.9	10
	12 - 14	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.1	10
	15 - 17	.3	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	10
	18 - 20	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	21 - 23	1.7	1.3	.5	.0	.0	.0	.0	.0	.0	.1	.7	.6	.4	10
	ALL	3.4	2.9	2.6	1.8	1.9	.9	.7	.6	1.1	3.4	3.4	2.4	2.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965-1986 :

HR/TS	JUL	AUG	SEP	ANN
60NM	0/0	0/0	0/0	0/0
120NM	0/0	0/0	0/0	0/0
240NM	0/0	1/4	0/0	1/4

DISTRIBUTION

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